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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) JACKSONV--ETC(U)
JUL 78

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UNCLASSIFIED

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AD-A060544

DIRECTOR
NAVAL OCEANOGRAPHY AND METEOROLOGY

S M O S

(Summary of Meteorological Observations, Surface)

Prepared by
Naval Weather Service Detachment
Federal Building
Asheville, N. C. 28801

Job Number: 72006

Period: 1945-77

Station: JACKSONVILLE, FL

Date: JULY, 1978



Approved for public release;



II

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure		

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV. (FT.)	CALL SIGN	WMO NUMBER
93837	Jacksonville, Florida	30°14'N	81°40'W	22	KNIP	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF BARQ. LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO		FEET	TYPE BAROMETER	
1.	Weather service office, second deck of operations building	Navy	1950	1959	81°40'W	30	Mercurial	24
2.	In old tower, two decks above roof of operations building	"	1959	1962	"	57	"	24
3.	Weather service office, second deck of operations building	"	1962	1968	"	30	"	24
4.	NWSF Building 118	"	1968	1976	"	41	"	24
1a.	Weather service office	"			"	43.7	Aneroid	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	Unknown	Atop operations control tower, disassembled 1956.	Selsyn	Triple	82'	1. Barograph (marine)
2.	1955	Installed 18' above main roof on operations building	AN/UMQ-5	RD-108	40'	2. Auto met sta (AN/GMQ-29)
3.	1958	Atop operations control tower	"	"	70'	3. Ceiling light (ML-121)
4.	1960	On Tacan Bldg near center of field	"	"	22'	4. Cloud height set (AN/GMQ-13B)
5.	1977	Adjacent to southwest corner of Bldg 935 near center of field	AN/UMQ-5C	RO 447 / GMQ-29	14'	5. Transmissometer (AN/GMQ-10C)
6.	1978	2000 ft NW of NAS TACAN	"	RO 447 / GMQ-29	14'	6. Radar (AN/FPS-106)
						7. Weather Vision (AN/GMQ-27)

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET 1tr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

1. Ten years of data will be used as the standard period of record (POR).
2. All available data will be used for extreme values.
3. Summarize (update) every five years.
 - a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.
 - b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.
 - c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.
 - d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWSO), Asheville, N. C. welcomes your comment and criticisms.

WEATHER CONDITIONS

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than $5/8$ mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

WEATHER CONDITIONS

93837

JACKSONVILLE, FLORIDA

73-77

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	01		5.8		.6		6.5	17.4	3.9			18.1	155
	04		7.7				7.7	20.6	5.8			22.6	155
	07	.6	9.0				9.0	35.5	9.7			39.4	155
	10		10.3				10.3	23.9	27.1			47.7	155
	13	.6	6.5				6.5	9.7	12.9			20.6	155
	16		6.5				6.5	6.5	9.7			14.8	155
	19		3.2		.6		3.9	5.2	4.5			9.0	155
	22		5.8				5.8	6.5	3.9			10.3	155
TOTALS		.2	6.9		.2		7.0	15.7	9.7			22.8	1240

WEATHER CONDITIONS

93837 JACKSONVILLE, FLORIDA

73-77

FEB
MONTH

STATION

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	01	.7	2.8				2.8	8.5	2.1		.7	10.6	141
	04		2.8				2.8	15.6	3.5		.7	18.4	141
	07	.7	6.4				6.4	29.1	17.0		.7	41.1	141
	10		5.7				5.7	14.2	25.5		.7	38.3	141
	13	.7	5.7		.7		6.4	5.0	7.8			12.1	141
	16		5.7		.7		6.4	2.8	6.4		.7	9.2	141
	19		5.7				5.7	1.4	3.5		1.4	5.7	141
	22		3.5				3.5	2.8	2.1		.7	5.0	141
TOTALS		.3	4.8		.2		5.0	9.9	8.5		.7	17.6	1126

WEATHER CONDITIONS

93837

JACKSONVILLE, FLORIDA

73-77

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	01	.6	5.2				5.2	9.0	1.3			9.7	155
	04	.6	5.2				5.2	13.5	2.6			13.5	155
	07	1.3	6.5				6.5	32.9	16.8			41.9	155
	10	1.3	5.2				5.2	11.6	16.8			27.7	155
	13	1.3	5.8				5.8	3.9	11.0			14.8	155
	16	1.9	9.7				9.7	2.6	5.8			7.7	155
	19	1.9	7.1				7.1	6.5	6.5			12.3	155
	22	.6	5.2				5.2	5.2	1.9			6.5	155
TOTALS		1.2	6.2				6.2	10.7	7.8			16.8	1240

WEATHER CONDITIONS

93837

JACKSONVILLE, FLORIDA

73-77

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	01	1.3	4.7				4.7	2.0	2.0			3.3	150
	04	2.0	3.3				3.3	10.0	2.7			10.7	150
	07	1.3	6.0				6.0	25.3	28.7			44.7	150
	10	.7	2.7				2.7	2.0	16.0			17.3	150
	13	.7	2.0				2.0	.7	6.0			6.7	150
	16	1.3	4.0				4.0		8.0			8.0	150
	19	2.0	4.0				4.0	.7	12.7			13.3	150
	22		4.0				4.0						150
TOTALS		1.2	3.8				3.8	5.1	9.5			13.0	1200

WEATHER CONDITIONS

93837

JACKSONVILLE, FLORIDA

73-77

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	01		1.3				1.3	1.9	1.9			3.2	155
	04	.6	3.2				3.2	6.5	2.6			8.4	155
	07	.6	7.7				7.7	36.1	32.9			53.5	155
	10	.6	5.2				5.2	3.2	21.3			22.6	155
	13	1.9	3.9				3.9	.6	11.6			11.6	155
	16	11.6	10.3				10.3	.6	12.3			12.3	155
	19	7.1	7.1				7.1	2.6	13.5			15.5	155
	22	2.6	3.9				3.9		.6			.6	155
TOTALS		3.1	5.3				5.3	6.4	12.1			16.0	1240

2

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WEATHER CONDITIONS

93837 STATION

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	01	.7	4.0				4.0	1.3	2.7			2.7	150
	04	2.0	4.0				4.0	7.3	6.0			9.3	150
	07	.7	2.7				2.7	21.3	34.0			46.0	150
	10	1.3	3.3				3.3	2.7	19.3			21.3	150
	13	4.0	6.7				6.7	.7	15.3			16.0	150
	16	14.7	12.7				12.7		11.3			11.3	150
	19	14.0	18.7				18.7	1.3	14.7			16.0	150
	22	4.0	10.7				10.7		2.7			2.7	150
TOTALS		5.2	7.9				7.9	4.3	13.3			15.7	1200

WEATHER CONDITIONS

93837

JACKSONVILLE, FLORIDA

73-77

JUL

MONTH

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	01	.6	.6				.6		2.6			2.6	155
	04	.6	1.3				1.3	4.5	3.9			7.7	155
	07		1.3				1.3	20.6	42.6			51.0	155
	10	.6	3.2				3.2	.6	25.8			25.8	155
	13	5.8	8.4				8.4		21.3			21.3	155
	16	14.2	13.5				13.5		20.0			20.0	155
	19	9.7	13.5				13.5	.6	19.4			20.0	155
	22		3.9				3.9		3.2			3.2	155
TOTALS		3.9	5.7				5.7	3.3	17.4			19.0	1240

WEATHER CONDITIONS

93837

JACKSONVILLE, FLORIDA

73-77

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	01	1.3	1.3				1.3	2.6	4.5			5.2	155
	04		1.9				1.9	6.5	7.7			10.3	155
	07		1.9				1.9	31.6	31.0			47.7	155
	10	.6	4.5				4.5	.6	18.1			18.7	155
	13	7.7	10.3				10.3		15.5			15.5	155
	16	14.2	11.6				11.6		7.7			7.7	155
	19	9.0	14.8				14.8		11.0			11.0	155
	22	3.2	3.2				3.2	.6	1.9			1.9	155
TOTALS		4.5	6.2				6.2	5.2	12.2			14.8	1240

WEATHER CONDITIONS

93837

JACKSONVILLE, FLORIDA

73-77

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	01		5.3				5.3	2.7	4.7			6.0	150
	04	.7	2.0				2.0	9.3	6.7			14.0	150
	07	1.3	5.3				5.3	38.7	34.0			50.7	150
	10	1.3	7.3				7.3	4.7	25.3			28.0	150
	13	6.7	12.0				12.0	.7	18.0			18.0	150
	16	6.7	9.3				9.3		18.7			18.7	150
	19	8.7	13.3				13.3	.7	18.7			18.7	150
	22	3.3	12.0				12.0	.7	5.3			6.0	150
TOTALS		3.6	8.3				8.3	7.2	16.4			20.0	1200

WEATHER CONDITIONS

73-77

OCT

JACKSONVILLE, FLORIDA

93837

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	01		2.6				2.6	5.2	7.1			10.3	155
	04		1.3				1.3	13.5	10.3			20.0	155
	07	.6	3.9				3.9	40.0	41.9			67.7	155
	10		1.3				1.3	4.5	36.8		.6	38.7	155
	13		2.6				2.6	1.3	12.3			13.5	155
	16	.6	5.8				5.8	1.9	11.0			12.3	155
	19	.6	5.8				5.8	1.9	5.2			7.1	155
	22	.6	1.3				1.3	1.9	2.6			3.9	155
TOTALS		.3	3.1				3.1	8.8	15.9		.1	21.7	1240

WEATHER CONDITIONS

93837

JACKSONVILLE, FLORIDA

73-77

NOV
MONTH

STATION

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	01		4.7				4.7	16.0	5.3			18.7	150
	04		4.0				4.0	21.3	10.0			24.0	150
	07		6.7				6.7	43.3	24.7			57.3	150
	10		4.0				4.0	12.0	30.0			41.3	150
	13		4.7				4.7	5.3	6.0			10.7	150
	16		5.3				5.3	4.0	6.0			9.3	150
	19		3.3				3.3	4.7	3.3			7.3	150
	22		4.7				4.7	8.7	2.0			9.3	150
TOTALS			4.7				4.7	14.4	10.9			22.2	1200

WEATHER CONDITIONS

93837 STATION

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	01		11.0				11.0	15.5	4.5			18.1	155
	04	.6	14.2				14.2	23.9	3.9			27.1	155
	07		10.3				10.3	30.3	12.9			40.0	155
	10		6.5				6.5	20.6	26.5			43.2	155
	13		7.7				7.7	9.0	9.7		.6	18.1	155
	16	.6	7.1				7.1	3.9	11.6			15.5	155
	19	.6	7.7				7.7	5.8	5.8			10.3	155
	22		9.0				9.0	9.0	4.5			12.9	155
TOTALS		.2	9.2				9.2	14.8	9.9		.1	23.2	1240

WEATHER CONDITIONS

93837

JACKSONVILLE, FLORIDA

73-77

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.2	6.9		.2		7.0	15.7	9.7			22.6	1240
FEB		.3	4.8		.2		5.0	9.9	8.5		.7	17.6	1128
MAR		1.2	6.2				6.2	10.7	7.8			16.8	1240
APR		1.2	3.8				3.8	5.1	9.5			13.0	1200
MAY		3.1	5.3				5.3	6.4	12.1			16.0	1240
JUN		5.2	7.9				7.9	4.3	13.3			15.7	1200
JUL		3.9	5.7				5.7	3.3	17.4			19.0	1240
AUG		4.5	6.2				6.2	5.2	12.2			14.8	1240
SEP		3.6	8.3				8.3	7.2	16.4			20.0	1200
OCT		.3	3.1				3.1	8.8	15.9		.1	21.7	1240
NOV			4.7				4.7	14.4	10.9			22.2	1200
DEC		.2	9.2				9.2	14.8	9.9		.1	23.2	1240
TOTALS		2.0	6.0		.0		6.0	8.8	12.0		.1	18.6	14608

WEATHER CONDITIONS ATMOSPHERIC PHENOMENA

93837 STATION JACKSONVILLE, FLORIDA 49-77 YEARS ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	2.0	35.9	.2	.9		36.3	47.9	57.5			72.3	899
FEB		5.5	36.5		.6		36.5	38.8	51.8			63.7	819
MAR		8.7	35.6		.3	.2	35.6	33.6	45.5		.1	56.2	899
APR		12.0	31.0			.3	31.0	30.5	44.0		.3	52.9	869
MAY		22.4	36.7			.4	36.7	30.5	45.1			52.2	899
JUN		36.2	53.3			.3	53.3	22.8	40.3		.1	45.4	868
JUL		48.9	61.1				61.1	16.3	27.5			32.4	898
AUG		44.6	60.1				60.1	26.0	37.9			44.7	899
SEP		24.3	58.0				58.0	34.7	48.3			56.4	870
OCT		5.8	39.8				39.8	43.6	60.0			68.2	897
NOV		1.8	32.0				32.0	45.4	60.7			70.9	870
DEC		3.8	35.6		.2		35.7	49.1	61.0		.1	72.2	899
TOTALS		18.0	43.0	.0	.2	.1	43.0	34.9	48.3		.0	57.3	10586

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

JAN 1973 - DEC 1977
YEARS

JANUARY
MONTH

ALL
HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	6.3		2.1						13.2	8.3	19.4			53.5
NNE	7.3	1.8	3.7						19.3	2.8	11.9			65.1
NE	5.8		13.5					1.9	21.2	7.7	17.3			53.8
ENE		3.4							10.3	6.9	10.3			69.0
E	2.6	2.6							21.1	2.6	5.3			65.8
ESE										3.3	13.3			83.3
SE									9.4	12.5	3.1			71.9
SSE	8.2								4.9	3.3	4.9			82.0
S	5.3	3.0	.8						6.8		4.5			79.7
SSW	2.3	4.7							14.0	4.7	7.0			67.4
SW	6.9								6.9	8.6	6.9			74.1
WSW	3.5	3.5						1.2	5.9	4.7	3.5			82.4
W	1.9					.9			3.8	5.7	2.8			88.7
WNW	2.6		1.3						2.6		3.8			89.7
NW	6.2	2.5	3.7			1.2			4.9	2.5	2.5			80.2
NNW	1.5		1.5						8.8	7.4	13.2			75.0
VARIABLE														
CALM			1.1						18.3	17.2	7.5			58.1
TOTAL	51	15	21			2		2	125	69	103			901
% TOTAL	4.1	1.2	1.7			.2		.2	10.1	5.6	8.3			72.7

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION 93837

JACKSONVILLE, FLORIDA

JAN 1973 - DEC 1977

MONTH FEBRUARY

ALL

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW "GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.4	1.1	2.3						8.0	4.5	14.8			68.2
NNE	3.6	1.2	4.3						7.1	4.8	13.1			75.0
NE	12.0		8.0						12.0	8.0	10.0			62.0
ENE	2.7		2.9						5.9		5.9			82.4
E									4.8		9.5			85.7
ESE										5.0	10.0			87.5
SE									3.8	3.8	11.5			76.9
SSE	1.8								1.8		5.4			92.9
S	2.0	2.9						2.0	3.9	6.9	10.8			78.4
SSW	3.3	6.7						1.7	3.3	3.3	3.3			81.7
SW		3.7							1.2	4.9	2.4			85.4
WSW		1.0	1.0						5.2	7.2	1.0			81.4
W	2.1	3.1							1.0	2.1	5.2			87.6
WNW	1.4								1.4	2.9	4.3			87.1
NW						1.5			3.1	6.2	3.1			86.2
NNW	3.3		3.1			1.6			6.6	6.6	14.8			70.5
VARIABLE									12.5	12.5	2.7			87.6
CALM														
TOTAL	23	16	15			2		3	55	57	82			898
% TOTAL	2.0	1.4	1.3			.2		.3	4.9	5.1	7.3			79.6

TOTAL NUMBER OF OBSERVATIONS

1,128

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93837 JACKSONVILLE, FLORIDA JAN 1973 - DEC 1977 MARCH ALL
STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS"	SNOW GRAINS "PELLETS" SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	7.2	1.4	1.4						8.7	11.6	15.9			65.2
NNE	5.6	2.8	1.4						12.7	5.6	18.3			62.0
NE	1.5								12.3	1.5	4.6			81.5
ENE	3.6	3.6						3.6	7.3	5.5	1.8			80.0
E	6.2	3.7	1.2					1.2	12.3	3.7	9.9			72.8
ESE	2.7	1.3							2.7	1.3	6.7			88.0
SE	2.5	3.8						3.8	7.5	1.3	6.3			80.0
SSE	3.1	1.0						3.1	1.0	1.0	6.1			80.8
S	2.0	2.6						.7	3.3	5.9	8.6			82.2
SSW	4.4	4.4						1.3	7.4	5.9	8.8			73.5
SW	1.1	7.5						2.2	5.4	4.3	5.4			77.4
WSW		4.3								4.3	6.5			85.9
W	1.5	1.5								2.9	4.4			91.2
WNW		4.3						2.1	4.3	4.3	6.4			83.0
NW		7.9						2.6	2.6	5.3				86.8
NNW	2.8	2.8	5.6						11.1	5.6	5.6			75.0
VARIABLE														
CALM		1.6							13.5	11.5	3.8			69.2
TOTAL	33	39	15					15	75	57	92			985
% TOTAL	2.7	3.1	.4					1.2	6.0	4.6	7.4			79.4

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93837

JACKSONVILLE, FLORIDA

JAN 1973 - DEC 1977

APRIL

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	4.4	3.9						2.2		6.7	13.3			75.6
NNE	5.6	1.9						1.9	1.9	11.1	14.8			74.1
NE	3.6	1.8							1.8	1.8	25.3			67.3
ENE	4.3	5.7						2.9	2.9	1.4	4.3			67.1
E		.8						.8	.8	.8	5.0			91.7
ESE	1.1										3.6			93.3
SE		4.2						3.1	2.1		7.3			85.4
SSE		1.7						1.7	3.3		13.3			81.7
S	1.0	3.0						2.0		2.0	12.0			83.0
SSW		4.8						1.6	1.6	1.6	8.1			83.9
SW		3.1						1.6	6.3	3.1	7.8			82.8
WSW	1.1	2.3							3.4	8.0	9.2			83.9
W	1.2								3.8	7.0	4.7			84.9
WNW		1.4							1.4		3.6			91.3
NW	1.9	1.9	1.9					1.9	1.9	3.8	3.8			88.7
NNW	1.9	1.9								1.9	13.2			83.0
VARIABLE														
CALM										12.1	12.1			78.8
TOTAL	16	29	1					14	24	37	108			1014
% TOTAL	1.3	2.4	.1					1.2	2.0	3.1	9.0			84.3

TOTAL NUMBER OF OBSERVATIONS

1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93837

JACKSONVILLE, FLORIDA

JAN 1973 - DEC 1977

MAY

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		4.9						4.9	2.4	12.2	22.0			63.4
NNE		2.6								17.9	12.8			74.4
NE		7.7						3.8	1.9	3.8	26.9			65.4
ENE		7.0						8.8			14.0			78.9
E		4.8						4.8	.8	4.0	13.9			75.4
ESE		2.6						3.5	.9	1.7	11.3			83.5
SE	1.1	3.2						1.1		1.1	7.4			87.2
SSE		3.3						3.5	1.8	1.8	9.7			84.1
S	3.6	2.7							1.8	3.6	5.3			84.5
SSW		5.9						4.4	2.9	2.9	5.9			82.4
SW		9.5						6.8		5.4	4.1			81.1
WSW		6.7						3.8	1.0	6.7	9.5			79.0
W		3.3	.8						3.3	7.4	12.4			79.3
WNW	3.6	3.6									10.7			85.7
NW		9.1						9.1	4.5	13.6	27.3			54.5
NNW		3.6						3.6	7.1	14.3	28.6			57.1
VARIABLE														
CALM		2.1							2.1	8.5	14.9			74.5
TOTAL	6	59	1					39	19	61	149			977
% TOTAL	.5	4.8	.1					3.1	1.5	4.9	12.0			78.8

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93837

JACKSONVILLE, FLORIDA

JAN 1973 - DEC 1977

JUNE

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.8	3.8						5.8	5.8	7.7	26.9			51.9
NNE	1.7	3.3	1.7					1.7	1.7	3.3	25.0			51.7
NE	4.1	8.5						4.3		4.3	21.3			63.8
ENE		6.3						10.4		2.1	14.6			66.7
E		6.8						6.8		.8	8.5			81.4
ESE		4.8						4.8	1.2		7.1			85.7
SE	1.7	5.0						3.3		1.7	5.0			85.0
SSE	1.2	7.2						3.6		1.2	7.2			84.3
S	3.0	6.1	.8					6.9	.8		6.9			79.4
SSW	2.7	9.6						2.7	1.4		2.7			82.2
SW		6.3						3.3		2.1	12.6			78.9
WSW	1.1	3.4						1.1	2.2	4.5	13.5			78.7
W	2.8	4.6						3.7	4.6	4.6	11.1			76.9
WNW		15.2						15.2		6.1	24.2			57.6
NW		17.4						17.4	4.3	13.0	17.4			47.8
NNW		5.9						8.8	2.9	8.8	23.5			55.9
VARIABLE														
CALM		1.6						1.6	1.6	6.5	9.7			10.6
TOTAL	19	73	2					62	17	35	144			906
% TOTAL	1.6	6.1	.2					5.2	1.4	2.9	12.0			75.5

TOTAL NUMBER OF OBSERVATIONS

1,200

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93837

JACKSONVILLE, FLORIDA

JAN 1973 - DEC 1977

JULY

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		2.9						5.9	5.9	2.9	29.4			58.8
NNE		3.8									23.1			65.4
NE	2.1	2.1						2.1			16.7			81.3
ENE								2.0			11.8			86.3
E		5.5						6.4		1.8	20.9			70.0
ESE	1.1	5.7						8.0		1.1	10.3			79.3
SE	1.4	2.9						1.4		1.4	13.0			79.7
SSE		5.7						5.4		1.1	7.5			81.7
S		5.2						4.5	.7	1.5	9.7			82.1
SSW	2.3	6.0						2.3		.8	7.5			81.2
SW	1.0	1.9						1.0		2.9	15.2			78.1
WSW	.8	4.6						3.1	.8	7.6	31.3			58.8
W		2.7								2.7	28.0			69.3
WNW		12.5						16.7		12.5	25.0			58.3
NW		11.1						5.6	5.6	16.7	27.8			38.9
NNW		19.0						19.0	4.8		33.3			42.9
VARIABLE														
CALM	1.2	8.7						2.3		6.2	12.3			17.8
TOTAL	9	62						49	6	35	207			919
% TOTAL	.7	5.0						4.0	.5	2.8	16.7			74.1

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION
93037

JACKSONVILLE, FLORIDA

JAN 1973 - DEC 1977

MONTH
AUGUST

ALL

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		4.5						2.3	2.3	9.1	25.0			61.4
NNE		3.0						7.6	3.0	10.6	18.2			66.7
NE	1.9	5.8						5.3		3.8	19.2			69.2
ENE	1.2	6.0						2.4		2.4	14.5			77.1
E	.7	6.0						4.0	.7	.7	11.3			80.7
ESE	.9	3.7						2.8		.9	6.5			85.0
SE	1.1	2.3						4.5		1.1	5.7			88.6
SSE	2.2	4.4						5.5		1.1	4.4			84.6
S	2.5	3.4						3.4		1.7	8.4			85.7
SSW	1.3	7.5						7.5	1.3	1.3	6.3			78.8
SW		11.8						11.8		3.9	7.8			80.4
WSW		5.7						2.9		10.0	15.7			72.9
W	7.5	1.5						6.0		3.0	11.9			70.1
WNW	9.5	9.5						9.5	4.8		14.3			61.9
NW		11.8						5.9	3.9	23.5	29.4			47.1
NNW		4.2						8.3	8.3	6.3	16.7			66.7
VARIABLE														
CALM														
TOTAL	18	59						56	9	56	146			959
% TOTAL	1.5	4.8						4.5	.7	4.5	11.8			77.3

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93837

JACKSONVILLE, FLORIDA

JAN 1973 - DEC 1977

SEPTEMBER

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW "GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	2.3	7.0						4.7	12.8	14.0	27.9			44.2
NNE	4.9	11.1	1.2					6.2	3.7	1.2	22.2			56.8
NE	5.1	7.6	1.3					1.3	1.3		21.5			67.1
ENE		10.6						4.3		2.1	22.3			66.0
E	1.8	9.6						7.9	.9	1.8	14.9			72.8
ESE		6.5						2.2			11.8			80.6
SE	2.5	2.5						5.0	1.3		13.8			77.5
SSE	1.4	2.8						4.2			9.7			84.7
S	3.0	1.5						3.0		4.5	3.0			87.9
SSW	2.0	2.0						2.0		5.9	11.8			84.3
SW		9.3	1.9					3.6			5.6			83.3
WSW		4.1						1.4	2.7	8.1	8.1			81.1
W		4.0							9.3	6.7	16.0			73.3
WNW									3.1	3.1	18.8			78.1
NW	5.3	7.9	2.6					5.3	5.3	13.2	18.4			55.3
NNW	2.3	14.0						4.7	14.0	16.3	23.3			46.5
VARIABLE														
CALM														
TOTAL	21	75	4					43	35	51	189			861
% TOTAL	1.8	6.3	.3					3.6	2.9	4.3	15.8			71.8

TOTAL NUMBER OF OBSERVATIONS

1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93837

JACKSONVILLE, FLORIDA

JAN 1973 - DEC 1977

OCTOBER

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	.6								4.2	4.8	23.6			64.8
NNE	1.1	2.7							4.3	3.8	17.3			70.3
NE		4.9							2.5	1.2	14.8		.6	77.2
ENE	1.2	2.4									8.2			87.1
E	1.8	1.8							1.8		3.6			91.1
ESE		2.6							2.6		2.6			92.3
SE		6.1						3.0	6.9	10.3	3.0			90.9
SSE	3.4							3.4	6.9	10.3	10.3			79.3
S		4.8						2.4	4.8	2.4	4.8			85.7
SSW									13.6		4.3			81.8
SW		11.1							5.6		11.1			72.2
WSW		3.6							1.8	6.9	7.1			80.4
W	2.7	1.4						1.4	2.7	8.1	8.1			82.4
WNW			1.7						3.3	11.7	6.7			78.3
NW	1.6	1.6							1.6	6.3	13.9			77.8
NNW	1.1								5.3	7.7	17.6			72.5
VARIABLE														
CALM														
TOTAL	10	27	1					4	40	69	163		1	945
% TOTAL	.8	2.2	.1					.3	3.2	5.6	13.1		.1	76.2

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93837

JACKSONVILLE, FLORIDA

JAN 1973 - DEC 1977

NOVEMBER

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.3		2.2						12.6	5.9	10.4			70.4
NNE	4.0								8.1	5.6	12.9			72.6
NE	4.0		6.1						19.2	2.0	16.2			60.6
ENE	3.8								5.8		5.8			84.6
E	6.1	2.0							4.1		4.1			87.8
ESE	1.6	3.3							3.3		6.6			85.2
SE	2.1	2.1							4.2		4.2			89.6
SSE		5.3							2.6	7.9	5.3			78.9
S	1.1	2.3							2.3	3.4	6.8			85.2
SSW	2.6	5.1							12.8	5.1	5.1			76.9
SW	2.3								2.3	4.7	4.7			88.4
WSW			2.2						6.3	6.3	15.2			71.7
W	3.1								1.6	9.4	6.3			84.4
WNW	6.9		1.7						6.9	8.6	3.4			79.3
NW	1.4								4.3	10.0	5.7			82.9
NNW	1.2		3.5						11.6	2.3	8.1			72.1
VARIABLE														
CALM	2.0								18.0	18.0	14.0			55.0
TOTAL	32	10	14						104	69	106			908
% TOTAL	2.7	.8	1.2						8.7	5.8	8.8			75.7

TOTAL NUMBER OF OBSERVATIONS

1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93837

JACKSONVILLE, FLORIDA

JAN 1973 - DEC 1977

DECEMBER

ALL

HOURS (L.S.T.)

MONTH

YEARS

STATION NAME

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW "GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	12.3		2.6						19.3	4.4	15.8			59.6
NNE	3.6	.9	2.7						15.5	2.7	12.7			66.4
NE	12.5								12.5	4.2	9.7			72.2
ENE	13.6								13.6		9.1			68.2
E	2.9	2.9							8.6		8.6			82.9
ESE	9.1								12.1		9.1			78.8
SE	5.6								13.9	5.6	8.3			75.0
SSE	10.0	5.0							2.5	5.0	5.0			77.5
S	9.1	1.8	1.8					.9	12.7	.9	7.3			73.6
SSW	4.7								4.7	11.6	11.6			67.4
SW	8.9	5.4						1.8	7.1	7.1	1.8			73.2
WSW	5.4	2.2							3.3	4.3	3.4			79.3
W	3.0								5.0	4.0	5.0			84.0
WNW	3.4	2.3	1.1					1.1	2.3	2.3	4.3			85.2
NW	5.9	1.2	2.4						4.7	2.4	2.4			85.9
NNW	7.1		2.4						3.6	10.7	16.7			61.9
VARIABLE														
CALM														
TOTAL	83	15	16					3	122	61	108			900
% TOTAL	6.7	1.2	1.3					.2	9.8	4.9	8.7			72.6

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93037

JACKSONVILLE, FLORIDA

JAN 1973 - DEC 1977

ALL

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.9	1.9	1.2					1.3	9.4	7.3	19.4			61.4
NNE	3.4	2.7	1.4					1.2	7.7	5.1	16.2			67.8
NE	4.0	3.2	2.2					1.2	7.2	2.8	16.4		.1	69.4
ENE	1.9	4.6	.1					3.1	2.3	1.6	11.0			78.4
E	1.4	4.6	.1					3.7	2.9	1.3	11.0			79.4
ESE	1.1	3.0						2.3	1.3	.9	8.4			85.1
SE	1.3	3.0						2.6	2.7	1.6	7.7			83.2
SSE	2.2	4.0						3.0	1.6	1.9	7.4			84.1
S	3.0	3.3	.3					2.2	3.1	2.6	7.6			81.8
SSW	2.2	3.4						2.4	3.8	3.1	6.9			79.1
SW	1.5	5.4	.1					3.0	2.3	4.0	7.4			79.8
WSW	1.1	3.6	.2					1.3	2.3	6.6	11.1			77.4
W	2.0	1.9	.1			.1		.9	3.3	5.3	9.4			81.3
WNW	2.1	2.6	.7					2.1	2.6	3.9	8.0			81.6
NW	2.6	3.7	1.6			.3		1.9	3.7	7.2	8.6			76.8
NNW	2.2	2.5	1.4			.2		2.1	7.2	7.3	16.1			67.6
VARIABLE														
CALM														
TOTAL	321	479	80			4		290	631	657	1597		1	11173
% TOTAL	2.2	3.3	.5			.0		2.0	4.3	4.3	10.9		.0	76.3

TOTAL NUMBER OF OBSERVATIONS

14,608

PRECIPITATION

NWSD, Federal Building
Asheville, N. C.

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

93837 STATION JACKSONVILLE, FLORIDA STATION NAME 45-77 YEARS

	AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	PRECIP.	NONE	TRACE	.01	.02-.05	.06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00						
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4							
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120							
JAN	62.9	13.9	2.1	4.6	3.1	4.4	4.1	3.5	1.3	.2					23.3	1023	2.43	6.23	.02	
FEB	62.9	11.2	1.7	4.7	2.8	5.0	4.6	4.0	2.8	.1					26.0	932	2.95	6.02	.40	
MAR	63.6	12.1	2.4	3.9	2.5	4.8	3.8	4.0	2.3	.3	.1				24.2	1023	3.13	11.20	.24	
APR	68.9	10.9	1.8	3.5	1.5	4.5	2.7	3.5	2.6						20.2	930	2.43	6.08	.69	
MAY	62.3	10.0	2.6	4.5	3.3	5.0	5.8	3.9	2.1	.5	.1				27.8	1023	3.41	13.11	.61	
JUN	47.3	12.6	1.1	7.0	5.0	9.9	6.1	6.0	4.1	.8					40.1	960	5.30	12.53	1.37	
JUL	37.1	14.8	2.5	8.5	4.8	9.9	10.0	7.4	4.6	.4					48.1	992	5.96	11.42	1.89	
AUG	37.6	14.5	2.7	7.3	5.3	10.3	7.4	7.8	6.3	.6	.2				47.9	1023	7.17	17.85	2.72	
SEP	41.0	14.4	3.7	9.0	4.6	8.4	6.7	6.8	4.1	1.0	.2				44.5	990	6.08	12.41	.19	
OCT	60.6	11.9	2.5	6.1	2.4	5.4	3.7	3.9	3.1	.3	.1				27.4	930	3.59	11.01	.05	
NOV	66.5	12.9	1.3	6.1	3.2	3.6	3.6	1.8	.9						20.6	960	1.45	3.31	.02	
DEC	63.3	14.1	1.2	4.1	3.2	5.2	4.3	2.9	1.7						22.6	1023	2.32	7.04	TRACE	
ANNUAL	56.2	12.8	2.1	5.8	3.5	6.4	5.2	4.6	3.0	.3	.1				31.1	11809	4.6	22		

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

93837 STATION JACKSONVILLE, FLORIDA 45-77 YEARS

5722 Daily Amounts Jan. 1969

AMOUNTS (INCHES)																PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00							
													OVER 50.4	OVER 120						
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4								
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120								
JAN	99.3	.7													1023	TRACE	TRACE	.0		
FEB	99.5	.5													932	TRACE	TRACE	.0		
MAR	99.8	.2													1023	TRACE	TRACE	.0		
APR	100.0														930	.0	.0	.0		
MAY	100.0														1023	.0	.0	.0		
JUN	100.0														930	.0	.0	.0		
JUL	100.0														992	.0	.0	.0		
AUG	100.0														1023	.0	.0	.0		
SEP	100.0														930	.0	.0	.0		
OCT	100.0														961	.0	.0	.0		
NOV	100.0														990	.0	.0	.0		
DEC	99.8	.2													1023	TRACE	TRACE	.0		
ANNUAL	99.9	.1													11780	.0				

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93837 STATION JACKSONVILLE, FLORIDA STATION NAME 45, 49-77 YEARS

5722 Daily Amounts Jan. 1969

AMOUNTS (INCHES)																	PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00		MEAN	GREATEST			LEAST		
													OVER 50.4	OVER 120							
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	61-120	OVER 120							
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120								
JAN	99.8	.2													868						
FEB	100.0														819						
MAR	100.0														868						
APR	100.0														840						
MAY	100.0														930						
JUN	100.0														810						
JUL	100.0														868						
AUG	100.0														868						
SEP	100.0														810						
OCT	100.0														868						
NOV	100.0														840						
DEC	100.0														899						
ANNUAL	100.0	.0													10288						

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

93837 STATION JACKSONVILLE, FLORIDA 45-77 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45	1.62	.36	.22	.94	.63	3.91	2.28	1.94	3.28	1.52	.31	2.27	3.91
46	1.00	.37	1.25	1.16	1.62	1.10	.80	3.58	1.45			.12	
47	1.86	1.81	1.76	2.11	1.42	1.44	3.57	1.86	4.70		.62	.84	
48	2.09	.68	3.46	1.15	.51	1.22	2.15	1.49	1.78	1.98	.36	1.89	3.46
49	.37	1.58	.20	1.37	.73		1.25	2.78	1.88	.82	2.17	.24	
50	.02	.69	1.68		1.18	1.38	2.48	.83	3.47	2.71	.07	.56	
51	.12	1.25	1.41	.64	.66	.92	1.30	1.32	2.47	2.03	1.08	1.03	2.47
52	.73	2.29	.54	1.58	1.98	1.96	3.26	1.69	1.20	.63	.88	.53	3.26
53	2.60	1.46	1.45		.60	.31	1.13	4.81	2.89	1.27	1.12	1.41	
54	.19	2.00	1.06	.51	.46	.83	.71	1.04	1.27	2.09	.32	.31	2.09
55	1.31	2.16	1.42	2.43	.59	1.88	.76	1.58	1.85	2.03	.55	.26	2.43
56	1.17	.83	.27	1.26	.99	1.13	1.54	2.02	1.03	5.18	.31	TRACE	5.18
57	.13	.40	1.03	.72	1.66	2.66	2.63	2.18	1.15	.80	.38	.24	2.66
58	1.03	1.21	1.13	1.03	.98	.39	1.03	1.82	.94	1.60	1.37	1.51	1.82
59	3.10	2.15	2.55	1.18	6.28	1.21	1.01	.94	4.16	.55	1.08	.33	6.28
60	.59	1.20	2.43	1.44	.29	1.18	1.77	.86	2.77	1.03	.26	.85	2.77
61	.99	1.02	.98	.99	.97	2.56	1.98	2.10	.58	.13	.62	.16	2.56
62	.59	.22	.93	.67	.43	.69	1.34	1.82	.89	1.15	.40	.39	1.82
63	1.28	1.78	.91	.55	1.16	2.59	.98	1.29	1.86	.35	.45	1.07	2.59
64	1.49	1.63	.50	2.01	2.72	2.15	.80	1.68	5.50	1.13	.55	1.55	5.50
65	.42	1.02	.74	.49	.46	2.34	1.04	1.33	2.01	1.76	1.08	1.52	2.34
66	.96	1.60	.83	1.15	2.72	3.45	1.06	2.06	1.39	1.15	.16	.62	3.45
67	.69	1.15	.39	.51	.54	2.09	1.04	1.84	1.07	.54	.04	1.81	2.09
68	.25	.40	.49	.71	1.56	3.74	1.25	5.85	.40		1.29	.31	
69	.42	2.35	1.31	1.17	1.20	1.75	2.29	3.57	2.54	3.34	.66	1.13	3.57
70	1.54	3.49	5.44	.83	.96	.44	1.50	1.60	.95	1.34	.03	.39	5.44
71	.63	.89	1.09	1.72	1.05	.87	1.50	1.45	.98	.77	.60	.96	1.72
72	2.26	.67	1.60	1.20	1.43	2.37	1.58	1.61	.10	4.24	1.09	1.63	4.24
73	.75	1.26	1.96	1.08	.49	1.48		1.92	1.24	2.08	.02	1.51	
74	.13	.69	1.80	.59	1.71	2.89	1.56	1.33	.99	.02	.57	1.08	2.89
MEAN													
S. D.													
TOTAL OBS.													

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

STATION
93837

JACKSONVILLE, FLORIDA

45-77

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

STATION 93837 JACKSONVILLE, FLORIDA STATION NAME 45-77 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN													
S. D.													
TOTAL OBS.													

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93837 STATION JACKSONVILLE, FLORIDA 45, 49-77 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43					0								
46													
47													
48													
49					0		0	0	0	0	0	0	0
50					0	0	0	0	0	0	0	0	0
51					0	0	0	0	0	0	0	0	0
52					0	0	0	0	0	0	0	0	0
53					0	0	0	0	0	0	0	0	0
54					0	0	0	0	0	0	0	0	0
55					0	0	0	0	0	0	0	0	0
56					0	0	0	0	0	0	0	0	0
57					0	0	0	0	0	0	0	0	0
58					0	0	0	0	0	0	0	0	0
59					0	0	0	0	0	0	0	0	0
60					0	0	0	0	0	0	0	0	0
61					0	0	0	0	0	0	0	0	0
62					0	0	0	0	0	0	0	0	0
63					0	0	0	0	0	0	0	0	0
64					0	0	0	0	0	0	0	0	0
65					0	0	0	0	0	0	0	0	0
66					0	0	0	0	0	0	0	0	0
67					0	0	0	0	0	0	0	0	0
68					0	0	0	0	0	0	0	0	0
69					0	0	0	0	0	0	0	0	0
70					0	0	0	0	0	0	0	0	0
71					0	0	0	0	0	0	0	0	0
72					0	0	0	0	0	0	0	0	0
73					0	0	0	0	0	0	0	0	0
74					0	0	0	0	0	0	0	0	0
MEAN													
S. D.													
TOTAL OBS.													

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

1945-1977
YEARS

DAILY EXTREME AMOUNTS

JANUARY
MONTH

FEBRUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	3.10	79	1959	T	T	1970
2	1.02	26	1959			
3	0.94	24	1977			
4	0.68	17	1945			
5	0.50	13	1971			
6	1.54	39	1970	T	T	1976
7	1.62	41	1945			
8	0.80	20	1959	T	T	1976*
9	2.60	66	1953			
10	0.53	13	1973			
11	0.94	24	1964			
12	1.28	33	1963	T	T	1973
13	1.03	26	1958			
14	2.26	57	1972			
15	0.76	19	1970			
16	0.75	19	1959			
17	1.49	38	1964			
18	0.80	20	1955	T	T	1977
19	0.49	12	1975	T	T	1977
20	1.60	41	1948			
21	0.39	10	1958			
22	1.00	25	1946			
23	1.31	33	1955			
24	2.09	53	1948			
25	0.96	24	1966			
26	1.70	43	1976			
27	0.87	22	1963			
28	0.73	19	1973*			
29	0.59	15	1960			
30	0.56	14	1960			
31	1.86	47	1947			
Monthly	3.10	79	1959	T	T	1977*

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.81	46	1947			
2	1.46	37	1953	T	T	1951
3	3.49	89	1970			
4	0.72	18	1960			
5	0.74	19	1964			
6	1.58	40	1949			
7	2.16	55	1955			
8	1.13	29	1959			
9	0.95	24	1967			
10	0.83	21	1956	T	T	1973
11	0.96	24	1955			
12	1.15	29	1967			
13	0.76	19	1965	T	T	1958
14	0.65	17	1965			
15	2.35	60	1969			
16	2.29	58	1952	T	T	1977
17	0.48	12	1970			
18	1.39	35	1966			
19	0.69	18	1974			
20	0.38	10	1947			
21	0.40	10	1957			
22	0.69	18	1950			
23	1.02	26	1965			
24	1.07	27	1977	T	T	1968
25	1.20	30	1960			
26	1.21	31	1958			
27	2.15	55	1959			
28	1.60	41	1966			
29	0.03	1	1968			
30						
31						
Monthly	3.49	89	1970	T	T	1977*

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

1945-1977

93837 JACKSONVILLE, FLORIDA
STATION STATION NAME

YEARS

MARCH
MONTH

APRIL
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.67	17	1947			
2	1.13	29	1958			
3	0.85	22	1950			
4	0.83	21	1966	T	T	1975
5	0.57	14	1959			
6	0.64	16	1969			
7	0.39	10	1967			
8	0.44	11	1973			
9	2.85	72	1948			
10	0.96	24	1948			
11	1.45	37	1953			
12	1.41	36	1951			
13	0.66	17	1977			
14	1.06	27	1946			
15	2.55	65	1959			
16	1.31	33	1969			
17	2.43	62	1960			
18	1.59	40	1975			
19	1.76	45	1947			
20	1.30	33	1959			
21	1.03	26	1957			
22	1.42	36	1953			
23	1.80	46	1974			
24	0.85	22	1957			
25	1.46	37	1973			
26	1.09	28	1971			
27	1.24	31	1948			
28	5.44	138	1970			
29	1.60	41	1972			
30	1.13	29	1973			
31	3.46	88	1948			
Monthly	5.44	138	1970	T	T	1975

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.15	29	1948			
2	1.44	37	1960			
3	1.05	27	1973			
4	1.24	31	1949			
5	1.37	35	1949			
6	1.68	43	1953			
7	1.28	33	1953			
8	1.16	29	1972			
9	0.99	25	1961			
10	1.03	26	1958			
11	2.02	51	1975			
12	2.08	53	1953			
13	2.43	62	1955			
14	2.11	54	1947			
15	1.03	26	1958			
16	1.17	30	1969			
17	1.16	29	1946			
18	0.24	6	1953			
19	1.13	30	1959			
20	0.24	6	1947			
21	0.74	19	1960			
22	0.53	13	1958			
23	1.10	28	1977			
24	0.77	20	1956			
25	1.26	32	1956			
26	0.49	12	1965			
27	0.71	18	1968			
28	2.01	51	1964			
29	1.20	30	1972			
30	1.72	44	1971			
31						
Monthly	2.43	62	1955			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION
93837

JACKSONVILLE, FLORIDA
STATION NAME

1945-1977

YEARS

MAY
MONTH

JUNE
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.15	29	1964			
2	2.72	69	1964			
3	0.63	21	1956			
4	0.99	25	1956			
5	1.56	40	1968			
6	0.84	21	1956			
7	0.60	15	1953			
8	2.72	69	1966			
9	1.19	30	1966			
10	0.97	25	1961			
11	1.66	42	1957			
12	1.71	43	1974			
13	0.65	17	1959			
14	0.91	23	1969			
15	2.52	64	1975			
16	1.11	28	1946			
17	1.72	44	1966			
18	0.39	10	1946			
19	0.70	18	1969			
20	6.28	160	1959			
21	2.59	66	1959			
22	1.31	33	1976			
23	1.16	29	1963			
24	0.96	24	1970			
25	1.98	50	1952			
26	0.84	21	1952			
27	2.43	62	1976			
28	1.20	30	1957			
29	1.43	36	1972			
30	0.70	18	1952			
31	3.02	77	1959			
Monthly	6.28	160	1959			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.92	23	1959			
2	0.97	25	1960			
3	1.38	35	1950			
4	0.29	7	1976			
5	1.75	44	1969			
6	2.15	55	1964			
7	1.96	50	1952			
8	2.66	68	1957			
9	1.45	37	1973			
10	0.90	23	1974			
11	2.34	59	1965			
12	3.74	95	1968			
13	1.22	31	1952			
14	2.56	65	1961			
15	2.09	53	1967			
16	2.45	62	1961			
17	1.22	31	1948			
18	1.65	42	1977			
19	2.37	60	1972			
20	1.07	27	1977			
21	1.44	37	1947			
22	2.79	71	1975			
23	2.25	57	1975			
24	3.91	99	1945			
25	1.18	30	1960			
26	2.89	73	1974			
27	0.84	21	1972			
28	1.72	44	1975			
29	1.06	27	1956			
30	3.45	88	1966			
31						
Monthly	3.91	99	1945			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

DAILY EXTREME AMOUNTS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

93837 JACKSONVILLE, FLORIDA 1945-1977

STATION

STATION NAME

YEARS

JULY
MONTHAUGUST
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	3.57	91	1947			
2	1.93	49	1950			
3	2.63	67	1957			
4	2.48	63	1950			
5	1.41	36	1960			
6	2.26	57	1976			
7	1.04	26	1945			
8	1.55	39	1950			
9	2.28	58	1945			
10	1.77	45	1960			
11	1.54	39	1957			
12	1.34	34	1962			
13	1.37	35	1971			
14	1.12	28	1945			
15	1.50	38	1971			
16	0.58	15	1977			
17	0.86	22	1945			
18	1.58	40	1961			
19	1.47	37	1957			
20	3.26	83	1952			
21	1.02	26	1953			
22	0.56	14	1967			
23	0.73	19	1945			
24	0.98	25	1963*			
25	1.05	27	1957			
26	2.52	64	1975			
27	1.31	33	1977			
28	1.56	40	1974			
29	0.85	22	1962			
30	1.48	38	1973			
31	1.04	26	1967			
Monthly	3.57	91	1947			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.38	35	1948			
2	1.32	34	1951			
3	1.77	45	1969			
4	1.92	49	1973			
5	1.33	34	1974			
6	1.82	46	1962			
7	1.84	47	1967			
8	1.94	49	1945			
9	1.75	44	1945			
10	2.23	57	1953			
11	1.61	41	1972			
12	2.18	55	1957			
13	0.74	19	1967			
14	2.06	52	1966			
15	2.02	51	1956			
16	1.24	31	1971			
17	1.29	33	1963			
18	2.63	67	1946			
19	2.10	53	1961			
20	1.07	27	1975			
21	4.81	122	1953			
22	2.81	71	1969			
23	3.57	91	1969			
24	1.60	41	1966			
25	1.17	30	1955			
26	0.75	19	1955			
27	1.67	42	1949			
28	2.44	62	1968			
29	5.69	145	1968			
30	5.85	149	1968			
31	1.58	40	1955			
Monthly	5.85	149	1968			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

2

93837

JACKSONVILLE, FLORIDA

STATION NAME

STATION

YEARS

DAILY EXTREME AMOUNTS

SEPTEMBER

MONTH

OCTOBER

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.85	47	1955			
2	1.18	30	1952			
3	1.07	27	1967			
4	2.04	52	1945			
5	1.43	36	1950			
6	3.47	88	1950			
7	2.04	52	1976			
8	0.34	21	1971*			
9	5.50	140	1964			
10	5.29	134	1964			
11	2.77	70	1960			
12	2.61	66	1959			
13	4.00	102	1975			
14	0.55	14	1945			
15	2.47	63	1951			
16	3.28	83	1945			
17	1.80	46	1975			
18	0.72	18	1947			
19	1.22	31	1959			
20	2.54	65	1969			
21	0.76	19	1969			
22	2.84	72	1947			
23	4.70	119	1947			
24	2.89	73	1953			
25	1.69	43	1949			
26	1.99	51	1953			
27	2.01	51	1965			
28	2.32	59	1950			
29	0.74	19	1948			
30	1.58	40	1969			
31						
Monthly	5.50	140	1964			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.27	32	1948			
2	1.98	50	1948			
3	4.24	108	1972			
4	1.38	35	1948			
5	1.45	37	1955			
6	3.03	77	1947			
7	2.09	53	1954			
8	1.83	46	1954			
9	1.08	27	1953			
10	1.15	29	1966			
11	0.21	5	1968			
12	0.62	16	1947			
13	0.34	9	1956			
14	1.42	36	1954			
15	1.22	31	1956			
16	5.18	132	1956			
17	2.71	69	1950			
18	2.01	51	1950			
19	1.12	28	1958			
20	1.48	38	1951			
21	2.03	52	1951			
22	0.59	15	1951			
23	0.54	14	1967			
24	4.41	112	1947			
25	0.79	20	1977			
26	0.62	16	1969			
27	0.03	1	1972			
28	1.28	33	1975			
29	1.50	38	1955			
30	0.46	12	1965			
31	3.54	90	1969			
Monthly	5.18	132	1956			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

2

93837 1945-1977

JACKSONVILLE, FLORIDA
STATION NAME

YEARS

NOVEMBER
MONTH

DECEMBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.62	16	1947			
2	0.96	24	1946			
3	0.40	10	1971*			
4	0.41	10	1977			
5	1.37	35	1959			
6	0.62	16	1961			
7	0.48	12	1959			
8	0.33	8	1947			
9	1.29	33	1968			
10	0.55	14	1955			
11	0.58	15	1947			
12	0.12	3	1975*			
13	0.32	8	1969			
14	2.17	55	1949			
15	1.08	27	1951			
16	0.59	15	1951			
17	0.65	17	1976			
18	0.65	17	1968			
19	0.11	3	1948			
20	0.88	22	1952			
21	1.08	27	1959			
22	1.08	27	1965			
23	0.82	21	1977			
24	0.42	11	1964			
25	1.09	28	1972			
26	0.40	10	1955			
27	0.08	2	1976			
28	0.66	17	1969			
29	0.60	15	1971			
30	1.80	46	1977			
31						
Monthly	2.17	55	1949			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.26	7	1977			
2	0.54	14	1971			
3	1.51	38	1958			
4	1.24	31	1953			
5	0.77	20	1977			
6	0.46	12	1976			
7	0.32	8	1969			
8	0.41	10	1973			
9	1.89	48	1948			
10	1.36	35	1967			
11	0.92	23	1967			
12	0.38	10	1974	T	T	1962
13	0.70	18	1947			
14	2.27	58	1945	T	T	1952
15	1.08	27	1974			
16	1.51	38	1973			
17	0.39	10	1977			
18	0.84	21	1945			
19	1.52	39	1965			
20	0.96	24	1971			
21	1.63	41	1972			
22	1.41	36	1953			
23	0.67	17	1953			
24	0.22	6	1959			
25	1.51	38	1945			
26	1.03	26	1951			
27	1.55	39	1964			
28	1.81	46	1967			
29	0.34	9	1945			
30	0.56	14	1950			
31	1.07	27	1963			
Monthly	2.27	58	1945	T	T	1962*

* ALSO ON EARLIER YEARS
T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

WINDS (SFC)

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

2

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)93837 JACKSONVILLE, FLORIDA 45-77 YEARS
STATION NAME

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45	WNW 34SW	31WSW 34NNW	40NE	42WNW 59W	38NNW 42N	38NNW 42N	38NNW 42N	38NNW 42N	38NNW 42N	38NNW 42N	38NNW 42N	38NNW 42N	N 67
46	SE 31SW	54NNW 44N	32SW	57NNW 32N	39N	39N	39N	39N	39N	39N	39N	39N	54
47													
48	SW 35NNE	32W	55SSW	38WSW 57									
49	NW 23W	42SSW	39SSW	32SW 34NE	38SSW 33ESE	38N	40NE	35	35	35	35	35	26
50	NNE 27		NE	48NNW 34N	50NE	50NE	50NE	35ENE	36NE	67	SE	25	ESE 66
51	WNW 27NW	38W	35WNW	30WSW 40NNW	38NE	31SSW	37SSW 18						
52	NW 32SW	35SW	42W	32W	43	SE	39SW	34					
53		S				S	29SSW	39					
54					NW	41NNW	45W	46NNW	46S	47E	34NNE	31N	38
55	NW 35NW	44NW	39SW	35W	32NNW	57SE	47NNW	59NNW	48N	30SW	47N	35	NNW 59
56	NW 37NNW	40NW	48W	44NW	41N	50N	46NNW	39WSW	51	NE	30WSW	32	
57	NNW 28WSW	30SE	37SE	37ESE	29SSW	34W	42NNE	38SSW	43N	25W	30NW	29	SSW 43
58	WSW 39NNW	42NNW	40S	46N	38W	36E	33S	36E	31NE	40W	27NNW	31	S 46
59	W 47SSW	42W	38SSW	38NNW	43NNE	62ESE	28SE	37E	34WSW	35NNW	34N	34	NNE 62
60	ESE 32SSW	49WSW	40NNW	38W	32WSW	44SE	44WSW	44NE	56S	33NNW	29NNE	31	NE 56
61	NNE 30WSW	37W	47WSW	36N	36ESE	47W	41ENE	37NNE	30NNE	34ESE	31SW	33	W 47
62	S 42SSW	28SSW	41WSW	40N	34WSW	35WSW	34WSW	34N	34S	29WSW	31SW	36	S 42
63	SW 44WSW	43NW	34S	28NNE	53NNW	39NNW	37WSW	36NNE	39N	31WSW	42NNE	30	NNE 53
64	W 34W	40WSW	35SW	35W	40NE	32SSW	40NE	35N	70W	38N	36NE	27	N 70
65	SSW 36W	42SW	35NW	34N	37SW	33W	32WNW	40NE	35N	41ENE	30N	30	W 42
66	W 34SW	54WSW	34SW	31W	39S	48SE	30W	37NW	32W	28NNE	35NNE	28	SW 54
67	W 34N	32NE	33N	36W	33NNW	39NW	32	NE	27W	30N	27W	32	
68	NE 26SW	33SW	40SW	33SW	33NNE	44NE	33SE	43N	23E	53WSW	38SW	30	E 53
69	W 30ENE	36S	37SW	31ENE	31NNE	44NNW	48SSW	30NNE	30NE	33NNW	26WSW	37	NNW 48
70	WSW 32SE	44NNW	40S	32WSW	33W	39NNW	42W	32E	37NNE	27NW	28NNW	34	NNW 48
71	NW 3425	3821	4421	3813	2511	3423	3721	3121	2729	2301	2301	31	21 44
72	26 2626	3230	3130	3627	2727	5125	5124	3907	1903	2923	2434	27	27 51
73	17 3003	3523	3418	3227	3421	3606	4031	3423	3605	2928	3029	28	06 40
74	24 2925	2724	2703	3303	3113	3209	4016	2517	2101	2614	2721	22	09 40
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

SURFACE WINDS
FROM DAILY OBSERVATIONS

45-77

STATION NAME

YEARS

5723 Extreme Values Jan 1969

[illegible]

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.9	2.6	4.5								11.6	8.2
NNE		1.9	2.6	.6								5.2	7.4
NE		2.6	.6									3.2	5.4
ENE													
E	1.3	1.3										2.6	3.3
ESE	1.3											1.3	2.0
SE	.6	.6										1.3	4.0
SSE	1.9	1.9	.6									2.6	5.5
S	1.9	5.2	1.9	1.9	.6							11.6	6.6
SSW	1.9	1.3	1.3									4.3	5.0
SW	.6	1.3	1.3									3.2	5.8
WSW	3.2	7.7	.6									11.6	4.1
W	2.6	5.2	1.3									9.0	4.3
WNW	1.9	.6	.6	.6								3.9	5.5
NW	3.2	1.3	1.9	1.9								8.4	6.7
NNW		1.3	3.2	1.9								6.5	9.5
VARBL													
CALM												13.5	
	21.3	34.2	18.7	11.6	.6							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.6	4.5	5.8								13.5	9.5
NNE	.6	1.9	3.2	.6								6.5	7.2
NE	1.9	.6										2.6	3.3
ENE	1.9			.6								2.6	4.8
E			.6									.6	7.0
ESE	1.3											1.3	2.0
SE	.6	1.3										1.9	3.7
SSE	.6	3.2	1.3									5.2	4.9
S	1.9	3.2	1.9	1.3		.6						9.0	7.4
SSW	1.3	1.3		.6								3.2	4.8
SW	2.6	1.3		.6								4.5	4.7
WSW	3.2	3.9	.6									7.7	3.8
W	5.2	1.9	1.3									8.4	4.0
WNW		1.9	1.3	1.3								4.5	8.3
NW	1.9	2.6	3.2	.6								8.4	6.0
NNW	2.6	1.9	.6		.6							5.3	5.4
VARBL													
CALM												14.2	
	26.5	27.7	18.7	11.6	.6	.6						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

JAN
MONTH

07
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	5.2	6.5	1.3								13.5	7.4
NNE	.6	.6	2.6									3.9	6.7
NE	.6	1.9										2.6	4.5
ENE	.6											.6	2.0
E	.6											.6	1.0
ESE		.6										.6	4.0
SE	.6	.6	.6	.6								2.6	6.5
SSE		2.6										2.6	4.5
S	1.3	5.2	5.2									11.6	6.6
SSW	1.9		.6									2.6	3.5
SW	4.5	3.9										8.4	3.4
WSW	3.2	2.6	1.3									7.1	4.1
W	5.2	2.6										7.7	2.6
WNW	.6	1.9	1.9	1.9	.6							7.1	8.6
NW	1.3	3.2	1.9	1.9								8.4	6.9
NNW	1.3	1.3	4.5	1.9								9.0	8.1
VARBL													
CALM												11.0	
	23.2	32.3	25.2	7.7	.6							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	6.5	7.1	2.6								20.6	6.6
NNE	1.9	2.6	5.6									10.3	6.6
NE			.6									.6	7.0
ENE		.6		.6								1.3	9.0
E	.6											.6	2.0
ESE													
SE	.6		.6									1.3	4.5
SSE		1.9	.6	1.3								3.9	8.0
S	1.3	5.2	6.5	1.9								14.8	7.3
SSW	.6	.6	1.9	.6								3.9	8.0
SW	1.9	1.3	.6									3.9	4.2
WSW	.6	1.9	2.6	.6								5.8	6.9
W			3.9	1.9								5.8	10.3
WNW	.6	1.3	1.9	1.3								5.2	8.5
NW		1.3	3.9	1.3								6.5	8.5
NNW	1.9	1.9	3.9	.6								8.4	6.5
VARBL													
CALM												7.1	
	14.8	25.2	40.0	12.9								100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	7.7	5.2	1.3								16.1	6.7
NNE	1.9	1.3	1.3	2.6								7.1	7.6
NE	.6	1.9	3.2	.6								6.5	7.2
ENE		1.3	1.3	1.3								3.9	8.3
E	1.9	2.6										4.5	3.3
ESE	1.3											1.3	2.5
SE		3.9	.6									4.5	5.3
SSE		2.6	1.9	1.3								5.8	7.7
S		5.2	5.2	4.5								14.8	6.8
SSW			.6	3.2								3.9	11.8
SW		1.3	1.3	.6								3.2	8.2
WSW		.6	2.6	.6	.6							4.5	9.7
W		.6	5.2	3.9								9.7	10.5
WNW		1.3	1.9	2.6	.6							6.5	10.5
NW		.6	2.6	.6								3.9	8.8
NNW	.6		1.3									1.9	7.3
VARBL													
CALM												1.9	
	8.4	31.0	34.2	23.2	1.3							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 93837 JACKSONVILLE, FLORIDA STATION NAME YEARS 73-77 JAN MONTH 16 HOURS (L.S.T.) 16

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.2	1.3	1.3								5.8	8.3
NNE	1.9	3.2	2.6	1.9								9.7	7.3
NE		1.9	3.2	2.6								7.7	9.3
ENE		1.9	2.6									4.5	7.1
E	1.3	3.2	1.9	.6								7.1	5.6
ESE	2.6	1.3										3.9	2.7
SE		.6	1.9									2.6	8.3
SSE		1.3	3.9									5.2	6.6
S	.6	3.9	5.8									10.3	6.6
SSW			1.9		.6							2.6	10.5
SW	.6		1.9	2.6								5.2	10.0
WSW	.6	.6	4.5	.6	.6							7.1	9.5
W		2.6	4.5	2.6								9.7	8.7
WNW	.6	2.6	3.9	1.9								9.0	8.1
NW	.6	.6	1.9	.6								3.9	7.8
NNW	.6	1.9		1.9								4.5	7.4
VARBL													
CALM												1.3	
	9.7	29.0	41.9	16.8	1.3							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	.6	2.6								4.5	9.9
NNE	1.3	3.9	5.2	1.3	.6							12.3	7.6
NE	1.9	2.6	3.2									7.7	5.8
ENE	1.9	1.9	1.3									5.2	4.0
E	4.5	1.3										5.8	2.9
ESE	4.5	3.2	.6									8.4	3.9
SE	.6	1.3	1.3	.6								3.9	7.3
SSE		1.3	1.9									3.2	6.6
S	1.9	2.6	.6									5.2	4.4
SSW	.6	1.3	1.3	.6								3.9	6.3
SW	.6	1.3	1.3									3.2	5.2
WSW	4.5	.6										5.2	2.9
W	3.2	5.8		.6								9.7	4.3
WNW	3.2	1.3	1.9									6.5	4.6
NW	1.9	4.5	2.6	.6								9.7	5.8
NNW			.6	1.3								1.9	10.7
VARBL													
CALM												3.9	
	31.0	34.2	22.6	7.7	.6							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 93837 JACKSONVILLE, FLORIDA STATION NAME 73-77 YEARS MONTH JAN 22 HOURS (L.S.T.) 22

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.9		2.6								7.1	7.6
NNE	3.2	3.2	6.5	2.6								15.5	7.5
NE	.6	1.3	.6									2.6	5.5
ENE	.6											.6	2.0
E	1.9	.6										2.6	2.5
ESE	2.6											2.6	2.0
SE	.6	1.3	.6									2.6	4.8
SSE	1.9	7.1	1.9									11.0	5.0
S	.6	5.2	2.6									8.4	5.8
SSW	1.9	1.3										3.2	3.6
SW	1.9	3.2	.6									5.8	4.3
WSW	1.3	4.5										5.8	4.1
W	2.6	3.9	1.9									8.4	4.4
WNW	1.3	3.9	1.9	.6								7.7	6.3
NW		1.3	1.3	.6								3.2	6.0
NNW	.6	2.6	1.3	1.3								5.8	7.0
VARBL													
CALM												7.1	
	22.6	43.2	19.4	7.7								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEAR

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	4.0	3.5	2.7								11.6	7.7
NNE	1.5	2.3	3.7	1.2	.1							8.8	7.3
NE	.7	1.6	1.5	.4								4.2	6.5
ENE	.6	.7	.6	.3								2.3	6.0
E	1.5	1.1	.3	.1								3.1	3.8
ESE	1.7	.6	.1									2.4	3.1
SE	.5	1.2	.7	.2								2.6	5.8
SSE	.3	2.7	1.5	.3								4.9	6.0
S	1.2	4.4	3.7	1.2	.1	.1						10.7	7.0
SSW	1.0	.7	1.0	.6	.1							3.5	6.8
SW	1.6	1.7	.9	.5								4.7	5.5
WSW	2.1	2.8	1.5	.2	.2							6.9	5.4
W	2.3	2.8	2.3	1.1								8.5	6.1
WNW	1.0	1.9	1.9	1.3	.2							6.3	7.6
NW	1.1	1.9	2.4	1.0								6.5	7.0
NNW	1.0	1.4	1.9	1.1	.1							5.5	7.5
VARBL													
CALM												7.5	
	19.7	32.1	27.6	12.4	.6	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

1240

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.1	2.8	1.4	.7							7.8	8.5
NNE	2.8	1.4	2.1	1.4								7.8	6.6
NE	.7	.7	1.4									2.8	5.3
ENE													
E	.7											.7	2.0
ESE	1.4											1.4	2.5
SE	.7		.7									1.4	6.5
SSE	1.4	1.4	3.5									6.4	6.6
S	1.4	2.8	2.8	1.4								8.5	6.8
SSW	2.8	.7	2.1	.7								6.4	5.6
SW	4.3	6.4	2.8									13.5	4.4
WSW	4.3	4.3	1.4									9.9	4.5
W	2.8	4.3	3.5		.7							11.3	5.8
WNW	.7	1.4	4.3									6.4	6.6
NW	.7	1.4	.7									2.8	6.0
NNW		1.4	2.8	.7								5.0	8.1
VARBL													
CALM												7.8	
	25.5	28.4	31.2	5.7	1.4							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

141

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	5.0	4.3								11.3	9.0
NNE	.7	.7	3.5	.7								5.7	7.3
NE	.7	1.4	.7									2.8	5.8
ENE	.7											.7	3.0
E	.7											.7	2.0
ESE	1.4											1.4	2.0
SE	.7											.7	3.0
SSE		1.4	1.4									2.8	5.5
S	2.1	4.3	5.0	1.4								12.8	6.9
SSW	.7	1.4	1.4									3.5	6.6
SW	2.8		1.4									4.3	3.8
WSW	2.8	5.0	2.1									9.9	4.4
W	5.7	2.8	.7		.7							9.9	4.6
WNW	1.4	2.1	1.4	1.4								6.4	6.8
NW	1.4	.7	2.1	2.1								6.4	8.7
NNW	1.4	.7	.7	2.1								5.0	8.1
VARBL													
CALM												15.6	
	24.1	22.0	25.5	12.1	.7							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

FEB
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	4.3	2.8								9.2	9.2
NNE			2.8	2.1								5.0	9.6
NE	.7	1.4	1.4									3.5	5.4
ENE	.7											.7	2.0
E	1.4	.7										2.1	3.0
ESE													
SE	.7	.7										1.4	4.5
SSE	.7	.7	1.4									2.8	5.5
S	1.4	2.8	6.4	.7								11.3	7.4
SSW	2.1	2.1	2.8	.7								7.8	5.5
SW	4.3		.7									5.0	3.0
WSW	3.5	2.8	2.1									8.5	4.6
W	3.5	4.3	.7	.7								9.2	4.8
WNW	2.1	1.4	.7									4.3	4.5
NW	3.5	1.4	2.8	2.8								10.6	7.3
NNW	1.4	2.8	2.8	1.4								8.5	7.3
VARBL													
CALM												9.9	
	27.0	22.7	29.1	11.3								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

141

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 93837 JACKSONVILLE, FLORIDA STATION NAME YEARS 73-77 MONTH FEB DAY 10 HOUR (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	5.7	5.7	1.4								14.2	7.4
NNE		1.4	4.3	2.8								8.5	9.4
NE			1.4									1.4	8.5
ENE		1.4										1.4	5.5
E	.7	.7										1.4	3.5
ESE		2.1										2.1	5.3
SE	.7	.7										1.4	3.5
SSE	.7		2.1	1.4								4.3	9.0
S		3.5	5.0	4.3								12.8	9.3
SSW	.7	.7	.7	.7								2.8	7.5
SW	1.4	1.4	.7	.7								4.3	6.0
WSW	1.4	1.4	1.4									4.3	5.0
W	.7	2.1	2.1	1.4	.7							7.1	9.0
WNW		2.1	2.1	1.4								5.7	8.4
NW		1.4	3.5	.7								5.7	8.6
NNW	.7	6.4	5.0	2.8								14.9	7.4
VARBL													
CALM												7.8	
	8.5	31.2	34.0	17.7	.7							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 141

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.5	4.3									8.5	7.0
NNE	.7	2.8	3.5	4.3								11.3	9.2
NE	1.4	.7	.7	1.4								4.3	7.0
ENE		.7	1.4									2.1	7.3
E	.7	3.5										4.3	4.7
ESE	2.1	2.1	1.4	.7								6.4	5.4
SE		2.1										2.1	5.7
SSE	.7	3.5	3.5	.7	.7							9.2	7.2
S		2.1	3.5	3.5								9.2	9.2
SSW		.7	.7	.7								2.1	8.3
SW		.7	2.1	3.5	.7							7.1	12.1
WSW		.7	3.5	2.8								7.1	9.5
W		3.5	2.8	5.0								11.3	10.2
WNW		1.4	3.5	1.4								6.4	9.0
NW			2.8	.7								3.5	9.8
NNW	1.4	2.1		.7								4.3	5.0
VARBL													
CALM												.7	
	7.8	30.5	34.0	25.5	1.4							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

141

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA

STATION NAME

73-77

YEARS

FEB
MONTH

ALL WEATHER

CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	2.8	2.8	.7							2.1	3.7
NNE		1.4	4.3	1.4								7.8	10.3
NE	.7	.7	4.3	.7								7.1	8.4
ENE		1.4	4.3	1.4								6.4	8.2
E	1.4	3.5	5.7	1.4								12.1	6.8
ESE		2.8	2.1									5.0	6.0
SE		1.4	1.4									2.8	6.0
SSE		.7	1.4									2.1	8.0
S		1.4	4.3	.7								6.4	8.0
SSW		.7	2.1	2.1	.7							5.7	11.5
SW		2.1	1.4	4.3	.7							8.5	11.3
WSW		2.8	2.1	4.3	.7							9.9	9.7
W	.7	.7	2.1	3.5								7.1	9.6
WNW		.7	2.1	4.3	.7							7.8	12.2
NW		1.4	2.1	2.1								5.7	9.6
NNW		.7	.7	.7								2.1	9.7
VARB													
CALM												1.4	
	3.5	24.1	39.0	28.4	3.5							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	1.4	.7								2.8	8.3
NNE		2.1	2.1	2.1								6.4	8.3
NE	.7	2.1	3.5	.7								7.1	7.3
ENE	.7	7.8	1.4									9.9	5.1
E	2.1	2.8	.7									5.7	4.3
ESE	2.8	5.7	.7									9.2	4.3
SE	.7	2.1	1.4	.7								5.0	6.1
SSE	.7	2.1	.7	.7								4.3	6.5
S		1.4	.7									2.1	6.3
SSW	.7	2.8	2.8	1.4								7.8	7.4
SW		2.8	1.4	2.8								7.1	9.3
WSW	6.4		1.4	1.4								9.2	5.0
W	4.3	3.5	.7	.7								9.2	4.5
WNW		1.4	2.1	.7								4.3	7.3
NW	1.4	2.8	1.4	.7								6.4	5.3
NNW				.7								.7	11.0
VARBL													
CALM												2.8	
	20.6	40.4	22.7	13.5								100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.8	1.4	1.4								6.4	7.1
NNE	2.1	.7	4.3									7.1	6.1
NE	.7	2.8	.7	1.4		.7						6.4	8.6
ENE	2.1	.7										2.8	2.0
E	2.8											2.8	2.0
ESE	2.1	.7										2.8	2.3
SE	.7	2.8										3.5	4.6
SSE	.7	4.3	1.4	1.4								7.8	7.1
S	1.4	3.5	3.5	.7								9.2	6.6
SSW	.7	1.4	3.5	.7								6.4	7.1
SW		3.5	2.8	2.1								8.5	7.9
WSW	.7	6.4	1.4	1.4								9.9	6.1
W	.7	1.4	.7	.7								3.5	6.8
WNW		4.3	2.8	1.4								8.5	7.4
NW	.7	.7	3.5		.7							5.0	6.9
NNW	.7	.7		.7								2.8	8.8
VARBL													
CALM												6.4	
	17.0	36.9	26.2	12.1	.7	.7						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

141

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.4	3.1	1.5	.1							7.8	7.9
NNE	.8	1.3	3.2	2.0	.1							7.4	8.4
NE	.7	1.2	1.8	.6		.1						4.4	7.3
ENE	.5	1.5	.9	.1								3.0	5.6
E	1.3	1.4	.8	.2								3.7	4.9
ESE	1.2	1.7	.5	.1								3.5	4.5
SE	.5	1.2	.4	.1								2.3	5.3
SSE	.6	1.8	2.0	.5	.1							5.0	7.0
S	.8	2.7	3.9	1.6								9.0	7.7
SSW	1.0	1.3	2.0	.9	.1							5.3	7.3
SW	1.6	2.1	1.7	1.7	.2							7.3	7.4
WSW	2.4	2.9	2.0	1.2	.1							8.6	6.1
W	2.3	2.8	1.7	1.5	.3							8.6	6.8
WNW	.5	1.9	2.4	1.3	.1							6.2	8.0
NW	1.0	1.2	2.4	1.2								5.8	7.7
NNW	.7	1.9	1.5	1.2	.1							5.4	7.6
VARBL												6.6	
CALM												100.0	6.6
	16.8	29.5	30.2	15.8	1.1	.1							

TOTAL NUMBER OF OBSERVATIONS

1128

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	.6	1.3								3.2	9.0
NNE	1.9	1.3	.6	.6								4.5	5.4
NE	1.3	2.6	.6									4.5	4.3
ENE	1.9	1.9										3.9	3.7
E	1.3	2.6										3.9	3.8
ESE		.6										.6	6.0
SE		4.5	1.3									5.8	5.7
SSE	1.3	5.2	4.5	1.3								12.3	6.5
S	3.9	3.2	4.5	1.3								12.9	6.5
SSW	1.3	3.9	2.6	.6								8.4	6.2
SW	3.9	2.6	2.6	.6								9.7	5.1
WSW	1.9	2.6	3.2									7.7	5.8
W	.6	5.8										6.5	4.2
WNW	1.3	.6										1.9	2.3
NW	.6	1.3	2.6	.6	.6							5.8	8.8
NNW		1.3	1.9	1.3								4.5	8.0
VARBL													
CALM												3.9	
	21.3	41.3	25.2	7.7	.6							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

NAR
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	1.9	1.3								5.2	9.3
NNE	.6	.6	.6									1.9	5.3
NE		.6		.6								1.3	7.5
ENE	1.3	1.9										3.2	4.4
E	.6	1.3										1.9	5.0
ESE	1.3	1.9	.6									3.9	4.5
SE	.6	1.9	2.6									5.2	5.9
SSE		4.5	3.2	.6								8.4	6.8
S	.6	4.5	4.5	2.6								12.3	7.4
SSW		5.8	1.3									7.1	5.5
SW	1.9	.6	5.2									7.7	6.7
WSW	1.9	1.9	1.3			.6						5.3	6.7
W	1.3	5.8	1.9									9.0	4.9
WNW	2.6	.6										3.2	2.2
NW	1.9	.6	1.9	.6								5.2	5.9
NNW	.6	1.3	2.6	1.3								5.8	8.1
VARBL													
CALM												12.9	
	15.5	36.1	27.7	7.1		.6						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93037

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

MAR

MONTH

ALL WEATHER

CLASS

07

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	3.9	3.9								11.6	8.6
NNE	1.9		1.3	.6								3.9	6.0
NE		1.3	1.3									2.6	7.0
ENE	1.3	.6										1.9	2.7
E	1.9	1.9										3.9	3.2
ESE			.6									.6	7.0
SE	1.3	1.3	1.9									4.5	5.4
SSE	1.3	1.3	2.6	.6								5.8	6.9
S	1.9	4.5	5.2	1.9								13.5	6.9
SSW	.6	2.6	1.3									4.5	5.7
SW	3.9	1.9	1.9	1.9								9.7	6.2
WSW	3.2	5.2	.6									9.0	3.9
W	.6	3.2	.6	.6								5.2	6.1
WNW	.6	2.6	1.3									4.5	5.3
NW	1.3	1.3	1.3									3.9	5.3
NNW		1.3	1.3	.6								3.2	7.4
VARBL													
CALM												11.6	
	20.6	32.3	25.2	10.3								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.2	3.2	.6								9.0	6.6
NNE	1.9	4.5	3.2	.6								10.3	5.8
NE	1.3	1.3	1.9	1.3								5.8	8.0
ENE	.6	.6	1.3									2.6	6.8
E	1.3	1.3	2.6	1.3								6.5	7.2
ESE	.6	1.3	.6	.6								3.2	6.6
SE	.6	2.6	.6									3.9	5.3
SSE	.6	3.9	3.9	1.3	1.3							11.0	8.1
S	.6	2.6	7.7	6.5								17.4	9.3
SSW	.6	1.3	1.9	1.3								5.2	8.4
SW			.6	2.6								3.2	13.0
WSW	.6	1.3	1.3	2.6								5.8	9.2
W			2.6	2.6								2.6	13.0
WNW	.6	1.9	3.2	.6								6.5	7.4
NW				.6								.6	14.0
NNW	1.3		3.2	.6								5.2	7.3
VARBL													
CALM												1.3	
	12.9	25.8	35.5	23.2	1.3							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA

STATION NAME

73-77

YEARS

ALL WEATHER

CLASS

MAR

MONTH

13

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	5.8	.6	1.3								8.4	6.5
NNE	1.9	4.5	3.2	.6								10.3	6.3
NE		1.3	1.3	3.2								5.8	10.8
ENE	.6	1.3		1.3								3.2	7.4
E	1.9	1.9	3.2									7.1	6.1
ESE	1.9	1.3	.6									3.9	4.2
SE	.6	2.6	2.6	1.9	.6							8.4	8.8
SSE		1.3	6.5									7.7	8.0
S		3.9	7.1	3.9								14.8	8.8
SSW		1.3	1.9	3.2								6.5	9.9
SW		.6		3.2	.6							4.5	13.4
WSW		.6	1.9	3.9	.6							7.1	12.1
W			.6	3.9								4.5	12.9
WNW		.6	.6									1.3	7.0
NW				1.9								1.9	13.0
NNW	1.3	.6	1.3	.6								3.9	6.2
VARBL													
CALM												.6	
	9.0	27.7	31.6	29.0	1.9							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03437
STATION

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

MAR

MONTH

16

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.6	.6	.6								3.2	6.4
NNE	.6	1.3	1.9		.6							4.5	8.3
NE		1.3	5.8	1.9								9.0	9.1
ENE	.6	1.9	3.9	1.3								7.7	7.4
E	1.3	1.9	9.0	2.6								14.8	9.1
ESE	1.3	2.6	4.5	3.9								12.3	8.1
SE		.6	.6									1.3	7.5
SSE		.6	3.2									3.9	8.0
S	.6	2.6	5.2	.6								9.0	7.6
SSW		1.3	1.3	.6	.6	.6						4.5	12.0
SW			3.2	1.9	.6							5.8	11.3
WSW		.6	1.3	5.2	1.3							8.4	12.5
W	.6	.6	4.5	2.6	.6							9.0	10.2
WNW		.6	.6	3.2								4.5	10.7
NW		.6	.6									1.3	7.0
NNW			.6									.6	7.0
VARBL													
CALM												.0	
	6.5	17.4	47.1	24.5	3.9	.6						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

MAR
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.9									1.9	8.0
NNE		.6	1.9	1.9								4.5	9.7
NE	.6	.6	5.2	.6								7.1	7.5
ENE		1.3	3.9	.6								5.8	7.7
E	1.9	5.2	2.6									9.7	5.1
ESE	1.9	11.0	6.5									19.4	5.7
SE	.6	3.2	4.5	4.5								12.9	8.6
SSE		.6	1.3									1.9	7.0
S		1.3	.6		.6							2.6	9.0
SSW		1.9	.6	.6								3.2	6.6
SW	.6	1.9	6.5	3.9								12.3	8.9
WSW	1.9	1.3	2.0	1.3								7.1	7.7
W	.6	1.9	1.3									3.9	5.5
WNW	1.3	1.3	.6	.6								3.9	6.2
NW	.6	.6	1.3	.6								3.2	7.2
NNW													
VARBL													
CALM													
	10.3	32.3	41.3	14.8	.6							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

HAR
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	.6	.6								1.9	8.7
NNE		1.3	4.5									5.8	7.0
NE	1.3	3.2	1.3									5.3	5.3
ENE	1.3	5.2	.6									7.1	4.5
E	.6	1.9	1.3	.6								4.5	6.4
ESE	1.9	2.6										4.5	4.1
SE	1.9	5.2	2.6									9.7	5.3
SSE		3.9	7.1	1.3								12.3	7.4
S	1.3	7.7	6.3									15.5	6.3
SSW	.6	1.3	1.9	.6								4.5	7.4
SW		.6	3.2	3.2								7.1	9.8
WSW	1.9	2.6	3.2	.6								8.4	6.5
W		2.6	.6									3.2	6.2
WNW	.6	1.9	1.3	.6								4.5	6.6
NW		.6	1.9									2.6	7.8
NNW													
VARBL													
CALM												2.6	
	11.6	41.3	36.8	7.7								100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.1	1.7	1.2								5.6	7.7
NNE	1.1	1.8	2.2	.6	.1							5.7	6.6
NE	.6	1.5	2.2	1.0								5.2	7.7
ENE	1.0	1.9	1.2	.4								4.4	5.9
E	1.4	2.3	2.3	.6								6.5	6.5
ESE	1.1	2.7	1.7	.6								6.0	6.0
SE	.7	2.7	2.1	.8	.1							6.5	6.9
SSE	.4	2.7	4.0	.6	.2							7.9	7.3
S	1.1	3.8	5.2	2.1	.1							12.3	7.7
SSW	.4	2.4	1.6	.9	.1	.1						5.5	7.6
SW	1.3	1.0	2.9	2.2	.2							7.5	8.5
WSW	1.5	2.0	1.9	1.7	.2	.1						7.4	8.0
W	.5	2.5	1.2	1.2	.1							5.5	7.5
WNW	.9	1.3	1.0	.6								3.8	6.4
NW	.6	.6	1.2	.6	.1							3.1	7.7
NNW	.4	.6	1.4	.6								2.9	7.4
VARBL													
CALM												4.2	
	13.5	31.8	33.8	15.6	1.0	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	1.3	.7								3.3	8.4
NNE	2.0	2.0	.7									4.7	3.7
NE	2.0	.7										2.7	3.5
ENE	3.3	4.0										7.3	3.9
E	2.0	3.3										5.3	3.8
ESE	4.0	1.3										5.3	3.0
SE	.7	3.3	2.0									6.0	6.1
SSE		4.7	2.0									6.7	6.2
S		4.0	7.3									11.3	7.2
SSW	1.3	2.0	3.3	.7								7.3	6.5
SW	2.0	3.3	.7									6.0	4.1
WSW	4.7	2.0	3.3									10.0	4.9
W	1.3	2.7	2.7									6.7	5.2
WNW	1.3	4.0	1.3									6.7	5.4
NW	1.3	.7	.7	.7								3.3	6.6
NNW	1.3	1.3	.7	1.3								4.7	7.0
VARBL													
CALM												2.7	
	28.0	40.0	26.0	3.3								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

APR
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.7	2.0								2.7	10.5
NNE			1.3									1.3	8.0
NE		2.7										2.7	5.3
ENE	1.3		.7									2.0	4.0
E	2.0	3.3	.7									6.0	4.8
ESE	.7	2.0										2.7	4.3
SE	2.0	4.0	2.7									8.7	5.4
SSE		1.3	.7									2.0	6.0
S		2.0	4.7	1.3								8.0	8.3
SSW	3.3	4.0	.7	.7								8.7	5.2
SW	2.0	3.3	3.3									8.7	5.3
WSW	4.7	5.3	2.0	.7								12.7	4.7
W	4.7	1.3	2.0									8.0	3.8
WNW	2.7	2.7	1.3	.7								7.3	5.6
NW	1.3	.7	1.3	.7								4.0	5.8
NNW	.7	.7	2.0	1.3								4.7	8.4
VARBL												10.0	
CALM												100.0	5.1
	25.3	33.3	24.0	7.3									

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.7	3.3								4.0	11.5
NNE	1.3	1.3	2.0									4.7	5.4
NE	.7	.7	2.0	.7								3.3	8.0
ENE	.7	2.7										3.3	4.4
E	2.0	3.3	.7									6.0	4.1
ESE	.7	1.3	.7									2.7	5.3
SE	.7	2.7	.7	.7								4.7	6.9
SSE		2.0	1.3									3.3	7.0
S	.7	2.7	4.0	2.7								10.0	8.3
SSW		3.3	1.3	.7								5.3	6.9
SW	2.7	1.3	1.3	.7								6.0	5.1
WSW	4.7	6.7										11.3	3.9
W	4.0	6.0	1.3									11.3	4.4
WNW	1.3	.7	.7									2.7	4.0
NW	1.3	2.0	2.7									6.0	5.6
NNW	2.0	1.3	4.7	2.7								10.7	7.8
VARBL													
CALM												4.7	
	22.0	38.0	24.0	11.3								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.3	4.0	2.0								10.0	7.7
NNE	2.0	2.0	2.0	2.7								8.7	7.7
NE	2.0	1.3	.7	1.3								5.3	5.8
ENE	2.0		3.3	2.0								7.3	6.0
E		2.0	1.3	.7								4.0	7.3
ESE	2.0	1.3	2.7	2.0								8.0	7.3
SE	.7	1.3	2.0									4.0	6.2
SSE		4.0	.7	2.7								7.3	7.8
S		3.3	6.0	5.3								14.7	9.4
SSW		2.0	2.0	.7								4.7	7.1
SW		1.3	2.0	.7								4.0	8.7
WSW			.7									.7	9.0
W	1.3	2.0		3.3								6.7	8.9
WNW		1.3	1.3	.7								3.3	8.4
NW		1.3	3.3									4.7	7.0
NNW	1.3	1.3	2.0									4.7	6.1
VARBL													
CALM												2.0	
	12.0	26.0	34.0	24.0								100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

APR
MONTH

13
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	2.0		.7							6.7	6.1
NNE		3.3	.7	.7	1.3							6.0	9.3
NE		1.3	4.0	2.0	.7							8.0	9.5
ENE		.7	2.0	4.0								6.7	11.4
E	2.0	2.0	4.0	3.3								11.3	8.3
ESE	.7	1.3	3.3	2.7								8.0	8.9
SE		2.7	2.0	1.3								6.0	8.2
SSE	.7	1.3	2.7	2.0								6.7	8.6
S		2.0	1.3	5.3								8.7	9.9
SSW		.7	.7		.7							2.0	10.0
SW			.7	2.0	.7							3.3	12.8
WSW		.7	2.7	1.3	.7							5.3	10.5
W	.7	.7	1.3	1.3								4.0	8.0
WNW	.7	.7	2.7	1.3								5.3	8.8
NW	1.3	.7	2.7		.7							5.3	7.9
NNW	1.3	2.0		1.3	.7							5.3	8.4
VARBL													
CALM												1.3	
	9.3	22.0	32.7	28.7	6.0							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

APR
MONTH

16
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.3									1.3	9.0
NNE		.7		2.7								3.3	10.4
NE	.7	.7	1.3	3.3								6.0	10.0
ENE		1.3	3.3	1.3								6.0	9.2
E		3.3	6.7	10.7								20.7	9.6
ESE		2.0	6.0	2.0								10.0	9.2
SE	.7	4.0	3.3	3.3								11.3	8.1
SSE			2.0									2.0	8.0
S			1.3	2.7								4.0	12.2
SSW			2.0	2.0								4.0	11.8
SW			1.3	2.7								4.0	11.7
WSW			3.3	2.0	.7							6.0	11.2
W	.7	1.3	3.3	2.7								8.0	9.0
WNW	2.0	1.3	4.0	2.0								9.3	7.6
NW	.7	.7	1.3									2.7	6.3
NNW		.7		.7								1.3	9.5
VARBL													
CALM												.0	
	4.7	16.0	40.7	38.0	.7							100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

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APR
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7			.7							1.3	11.5
NNE		1.3	.7									2.0	6.0
NE		1.3	1.3	2.0	.7							5.3	11.0
ENE	.7	2.0	3.3									6.0	6.8
E	1.3	4.0	10.7	1.3								17.3	7.3
ESE		8.0	5.3	1.3								14.7	7.0
SE		3.3	8.7	2.7								14.7	8.3
SSE			.7									.7	7.0
S	.7				.7							1.3	12.0
SSW	.7	.7	.7	.7	.7							3.3	9.8
SW		1.3	3.3	1.3	.7							6.7	9.7
WSW		4.7	1.3									6.0	6.2
W	1.3	4.0	1.3									6.7	4.9
WNW	1.3	4.0	.7	1.3								7.3	6.2
NW	.7	3.3	.7									4.7	5.4
NNW			1.3									1.3	9.0
VARBL													
CALM												.7	
	6.7	38.7	40.0	10.7	3.3							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

130

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			.7									.7	8.0
NNE		2.0	3.3									5.3	7.6
NE		2.0	1.3									3.3	6.8
ENE	.7	4.7	2.7									8.0	5.8
E	2.0	6.7	1.3									10.0	4.9
ESE	2.7	4.0	2.0									8.7	5.1
SE	1.3	4.7	2.7									8.7	6.0
SSE	.7	3.3	5.3	1.3	.7							11.3	8.1
S		2.7	4.0	2.0								8.7	8.1
SSW	.7	1.3	2.0	2.0								6.0	8.7
SW	2.0	.7	1.3									4.0	5.3
WSW	2.7	2.7	.7									6.0	4.6
W	.7	4.7	.7									6.0	4.8
WNW	.7	2.7	2.0									5.3	6.0
NW		2.0	2.0	.7								4.7	7.4
NNW			1.3	1.3								2.7	11.3
VARBL													
CALM												.7	
	14.0	44.0	33.3	7.3	.7							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.8	1.3	1.0	.2							3.7	8.4
NNE	.7	1.6	1.3	.7	.2							4.5	7.3
NE	.6	1.3	1.3	1.2	.2							4.6	8.1
ENE	1.1	1.9	1.9	.9								5.8	7.0
E	1.4	3.5	3.2	2.0								10.1	7.1
ESE	1.3	2.7	2.5	1.0								7.5	6.8
SE	.7	3.2	3.0	1.0								8.0	7.1
SSE	.2	2.1	1.9	.7	.1							5.0	7.6
S	.2	2.1	3.6	2.4	.1							8.3	8.9
SSW	.7	1.7	1.6	.9	.2							5.2	7.6
SW	1.1	1.4	1.7	.9	.2							5.3	7.3
WSW	2.1	2.7	1.7	.5	.2							7.2	6.0
W	1.8	2.8	1.6	.9								7.2	5.9
WNW	1.2	2.2	1.7	.7								5.9	6.0
NW	.8	1.4	1.8	.2	.1							4.4	6.6
NNW	.8	.9	1.5	1.1	.1							4.4	8.0
VARBL													
CALM												2.7	
	15.2	32.5	31.8	16.3	1.3							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	.6	.6								1.9	8.0
NNE	.6											.6	3.0
NE	1.9	.6	.6									3.2	3.8
ENE	.6	3.2										3.9	4.5
E	3.2	1.3										4.5	3.0
ESE	.6	3.9										4.5	4.7
SE	1.3	5.2	1.9									8.4	5.8
SSE	2.6	6.5	3.9	1.3								14.2	6.3
S	1.9	5.2	6.5	.6								14.2	6.4
SSW	1.3	6.5	.6									8.4	5.1
SW	2.6	3.2	3.2	.6								9.7	5.8
WSW	3.2	3.2	3.9									10.3	5.1
W	3.2	5.2	1.3									9.7	4.1
WNW													
NW		1.3	.6									1.9	5.0
NNW		.6		.6								1.3	10.0
VARBL													
CALM												3.2	
	23.2	46.5	23.2	3.9								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

155

AD-A060 544

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) JACKSONV--ETC(U).
JUL '78

F/G 4/2

UNCLASSIFIED

NL

2 OF 4
AD
A060544

Frame 1	Frame 2	Frame 3	Frame 4	Frame 5	Frame 6	Frame 7	Frame 8	Frame 9	Frame 10	Frame 11	Frame 12
Frame 13	Frame 14	Frame 15	Frame 16	Frame 17	Frame 18	Frame 19	Frame 20	Frame 21	Frame 22	Frame 23	Frame 24
Frame 25	Frame 26	Frame 27	Frame 28	Frame 29	Frame 30	Frame 31	Frame 32	Frame 33	Frame 34	Frame 35	Frame 36
Frame 37	Frame 38	Frame 39	Frame 40	Frame 41	Frame 42	Frame 43	Frame 44	Frame 45	Frame 46	Frame 47	Frame 48
Frame 49	Frame 50	Frame 51	Frame 52	Frame 53	Frame 54	Frame 55	Frame 56	Frame 57	Frame 58	Frame 59	Frame 60
Frame 61	Frame 62	Frame 63	Frame 64	Frame 65	Frame 66	Frame 67	Frame 68	Frame 69	Frame 70	Frame 71	Frame 72
Frame 73	Frame 74	Frame 75	Frame 76	Frame 77	Frame 78	Frame 79	Frame 80	Frame 81	Frame 82	Frame 83	Frame 84

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	.6	.6								3.2	6.8
NNE	1.3	.6										1.9	3.7
NE	1.9	.6	.6									3.2	4.0
ENE	1.9	.6										2.6	3.3
E	1.3	1.9										3.2	3.0
ESE	3.2	1.9										5.2	3.1
SE	1.9	2.6	1.9									6.5	5.4
SSE	1.3	4.5	2.6	.6								9.0	5.9
S	3.2	3.2	1.3	.6	.6							9.0	5.9
SSW	1.3	3.9	.6									5.8	4.9
SW	5.2	3.2	1.9									10.3	4.3
WSW	2.6	7.7										10.3	4.1
W	4.5	6.5	2.6									13.5	4.5
WNW	.6	.6	.6	.6								2.6	6.8
NW	.6											.6	2.0
NNW	.6		.6	.6								1.9	8.0
VARBL													
CALM												11.0	
	32.3	39.4	13.5	3.2	.6							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

155

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	1.3	1.3								5.2	6.9
NNE	.6		1.9									2.6	6.8
NE	.6	1.9										2.6	3.8
ENE		1.9										1.9	4.0
E	2.6	1.3										3.9	3.2
ESE	1.3	1.3										2.6	4.0
SE	1.3	.6	1.9									3.9	5.3
SSE	2.6	3.9	3.2	.6								10.3	5.5
S	1.3	5.2	1.9									8.4	5.0
SSW		5.2	1.3									6.5	5.7
SW	.6	5.2	1.9									7.7	5.3
WSW	3.9	3.9	1.3									9.0	4.2
W	3.9	8.4	1.3									13.3	4.6
WNW	.6	.6	.6									1.9	5.3
NW	3.9	.6										4.5	3.3
NNW	1.9	1.3	2.6	.6								6.5	6.5
VARBL													
CALM												9.0	
	25.8	43.2	19.4	2.6								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.2	1.9	.6								7.1	6.2
NNE	1.3	1.3	.6	1.3								4.5	6.4
NE		3.2	.6	.6	.6							5.2	7.8
ENE	1.9	1.9	1.3									5.2	4.8
E	2.6	3.9	1.3									7.7	4.5
ESE	2.6	1.3	1.9									5.8	4.8
SE	1.3	1.9	.6	1.3								5.2	7.3
SSE	3.2	4.5	3.9	.6	.6							12.9	6.4
S	2.6	1.9	4.5	1.3								10.3	7.1
SSW	1.9		1.9	1.3								5.2	7.3
SW	1.3		2.6	.6								4.5	7.7
WSW		1.9	1.9	.6								4.5	7.4
W	1.3	4.5	5.2	1.3								12.3	6.8
WNW		1.3										1.3	5.0
NW		1.3	1.3									2.6	6.3
NNW		1.9	1.3									3.2	5.8
VARBL													
CALM												2.6	
	21.3	34.2	31.0	9.7	1.3							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.9		.6								4.5	6.4
NNE		2.6	3.2	1.3								7.1	8.1
NE		2.6	1.3									3.9	6.2
ENE	2.6		1.9	.6								5.2	5.5
E	1.3	4.5	3.9	.6								10.3	6.3
ESE	3.2	7.7	2.6	.6								14.2	5.5
SE	2.6	.6	1.9									5.2	4.1
SSE	1.9	3.2	4.5	1.3								11.0	7.1
S	1.3	3.9	1.3	1.3								7.7	6.5
SSW	.6	.6	1.3	2.6								5.2	9.5
SW			1.3									1.3	7.5
WSW	.6	.6	3.2	.6	.6							5.8	9.7
W		2.6	5.8	.6								9.0	7.9
WNW		1.3	1.3	.6								3.2	7.6
NW	.6	.6		.6								1.9	5.7
NNW		1.3										1.3	5.0
VARBL													
CALM												3.2	
	14.8	36.1	33.5	11.6	.6							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6			.6								1.3	7.0
NNE		1.9		1.3								3.2	8.0
NE		3.9	3.2	1.3								8.4	7.5
ENE	.6	1.9	2.6	1.9								7.1	8.2
E	1.3	4.5	12.9	1.9								20.6	7.7
ESE		4.5	6.5	4.5								15.5	8.3
SE	.6	4.5	1.9	.6								7.7	6.2
SSE			.6									.6	9.0
S		.6	1.9	.6								3.2	6.2
SSW			1.3	.6								1.9	9.7
SW		1.3	.6	1.9								4.5	12.0
WSW	1.3	1.3	3.9	3.2			.6					9.7	8.4
W		1.9	4.5	1.3								7.7	8.3
WNW	1.3	2.6	.6									4.5	4.3
NW		.6	.6									1.3	7.0
NNW		1.3	.6									1.9	7.0
VARBL													
CALM												.6	
	5.8	31.0	41.9	20.0			.6					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION
95837

JACKSONVILLE, FLORIDA

74-77

STATION NAME

YEARS

MAY
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			2.6									2.6	8.0
NNE		1.3	1.3	.6								3.2	8.8
NE	.6		1.9									2.6	6.5
ENE	.6	4.5	1.9									7.1	5.5
E	1.3	5.2	12.9	1.3								20.6	7.4
ESE	1.9	7.7	7.7	1.3								18.7	6.5
SE	.6	3.2	5.2		.6							9.7	7.2
SSE	.6	.6	1.9									3.2	6.6
S		3.2		1.3								4.5	7.6
SSW		1.9	.6									2.6	5.8
SW	.6		3.2	.6								4.5	7.4
WSW	3.9	1.3	1.9	.6								7.7	5.3
W	.6	4.5	1.9	.6								7.7	5.7
WNW	.6	2.6										3.2	4.2
NW				.6								.6	15.0
NNW		.6	.6									1.3	7.0
VARBL													
CALM												.0	
	11.6	36.8	43.9	7.1	.6							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	6.0
NNE	.6	.6	.6									1.9	5.0
NE	1.3	1.9	1.3									4.5	5.0
ENE	1.3	1.9	.6									3.9	4.5
E	2.6	6.5	1.3									10.3	4.8
ESE	1.9	3.2	2.6									7.7	5.1
SE		8.4	5.8									14.2	6.3
SSE		2.6	8.4	.6								11.6	7.5
S	.6	5.8	6.5	.6								13.5	6.8
SSW	1.9	3.9	1.9	.6								8.4	6.1
SW	1.3	1.9	1.3	.6								5.2	6.0
WSW	1.9	5.8	2.6									10.3	5.2
W	.6	1.9	1.9									4.5	5.6
WNW		.6		.6								1.3	7.5
NW		.6										.6	6.0
NNW		.6										.6	5.0
VARBL													
CALM												.6	
	14.2	47.1	34.8	3.2								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.5	.9	.6								3.3	6.8
NNE	.6	1.0	1.0	.6								3.1	7.0
NE	.8	1.9	1.2	.2	.1							4.2	6.0
ENE	1.2	2.0	1.0	.3								4.6	5.5
E	2.0	3.6	4.0	.5								10.2	6.1
ESE	1.9	4.0	2.7	.8								9.3	6.0
SE	1.2	3.4	2.7	.2	.1							7.6	6.1
SSE	1.5	3.2	3.6	.6	.1							9.1	6.5
S	1.4	3.6	3.0	.8	.1							8.9	6.5
SSW	.9	2.7	1.2	.6								5.5	6.4
SW	1.5	1.9	2.0	.6			.1					6.0	6.4
WSW	2.2	3.2	2.3	.6	.1							8.5	5.9
W	1.8	4.4	3.1	.5								9.8	5.8
WNW	.4	1.2	.4	.2								2.3	5.6
NW	.6	.6	.3	.2								1.8	5.3
NNW	.3	1.0	.7	.2								2.3	6.7
VARBL													
CALM												3.8	
	18.6	39.3	30.2	7.7	.4		.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

1240

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3		.7								2.0	8.0
NNE		2.0	.7	.7								3.3	7.8
NE		1.3	.7									2.0	6.3
ENE	.7	2.0										2.7	4.3
E	2.7	1.3										4.0	3.5
ESE	1.3	1.3	1.3									4.0	4.7
SE	2.0	2.7	1.3									6.0	4.8
SSE	1.3	6.0	4.7									12.0	5.7
S	2.0	6.0	2.7									12.7	5.5
SSW	4.7	6.7	1.3									12.7	4.1
SW	1.3	4.0	2.7									8.0	5.7
WSW	8.0	4.0	.7									12.7	3.4
W	5.3	2.0	.7									6.0	3.3
WNW													
NW	1.3											1.3	1.5
NNW	.7	.7										1.3	3.0
VARBL													
CALM												7.3	
	31.3	43.3	16.7	1.3								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												6.0	8.2
NNE	1.3	2.0	2.7	1.3								2.0	4.3
NE		.7	.7									.7	4.0
ENE	1.3	.7										2.0	3.0
E	2.7	2.7										5.3	3.8
ESE	2.0											2.0	2.0
SE	.7	2.0	1.3									4.0	5.3
SSE		3.3	.7									4.0	5.5
S	4.0	4.0	2.7	.7								11.3	5.0
SSW	3.3	6.7	.7									10.7	4.3
SW	6.0	2.7	2.0									10.7	4.1
WSW	5.3	4.7										10.0	3.3
W	5.3	3.3	.7									9.3	3.4
WNW	2.0	1.3										3.3	3.2
NW	1.3	1.3										2.7	2.8
NNW	.7	1.3		.7								2.7	6.0
VARBL													
CALM												13.3	
	36.0	36.7	11.3	2.7								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME73-77
YEARSJUN
MONTHALL WEATHER
CLASS07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.7	.7	.7								4.7	5.7
NNE	1.3	2.0	.7									4.0	4.7
NE	1.3	1.3										2.7	3.8
ENE	.7											.7	2.0
E	2.0	1.3	.7	.7								4.7	5.0
ESE	.7		.7									1.3	5.0
SE	2.0		1.3									3.3	4.4
SSE	.7	2.0	1.3									4.0	5.5
S	2.7	4.0	2.0	.7								9.3	5.3
SSW	1.3	4.0										5.3	3.6
SW	5.3	3.3	3.3									12.0	4.4
WSW	6.7	4.0										10.7	3.1
W	9.3	6.7	1.3									17.3	3.7
WNW	3.3	1.3										4.7	2.7
NW	1.3	.7	.7									2.7	3.8
NNW	1.3	2.7		1.3								5.3	5.4
VARBL													
CALM												7.3	
	40.7	36.0	12.7	3.3								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	1.3	.7								6.0	5.6
NNE	4.7	1.3	.7	.7								7.3	4.4
NE	2.0	.7	2.0	1.3								6.0	6.8
ENE		2.0										2.0	5.0
E	2.7	1.3	1.3									5.3	4.6
ESE	2.0	.7	1.3									4.0	4.5
SE	2.7	.7	.7									4.0	3.7
SSE	3.3	2.7	.7									6.7	4.1
S	3.3	3.3	3.3									10.0	4.9
SSW		2.7	3.3									6.0	7.1
SW	.7	2.0	2.0									4.7	5.7
WSW	2.0	1.3	2.0									5.3	5.6
W	4.0	7.3	2.7									14.0	4.8
WNW	4.0	1.3										5.3	2.8
NW	.7	2.0	.7									3.3	4.8
NNW	2.0	2.0	.7	.7								5.3	5.0
VARBL													
CALM												4.7	
	36.0	33.3	22.7	3.3								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	4.0	2.0	1.3								8.0	7.2
NNE	2.7	4.0	3.3	.7								10.7	5.9
NE	2.0	5.3	.7									8.0	4.3
ENE	.7	2.0	2.0									4.7	6.1
E	3.3	3.3	5.3	.7								12.7	6.2
ESE	3.3	4.0	1.3	.7								9.3	4.9
SE	.7	2.7	.7									4.0	4.2
SSE		2.7	2.0									4.7	6.1
S	1.3	4.7	4.0									10.0	5.7
SSW			1.3									1.3	7.0
SW	1.3	1.3	1.3	1.3								5.3	7.1
WSW		2.7	3.3									6.0	6.4
W	2.0	5.3	.7	.7								8.7	5.2
WNW	.7	1.3										2.0	4.3
NW													
NNW	.7	2.7										3.3	4.6
VARBL													
CALM												1.3	
	19.3	46.0	28.0	5.3								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93837

JACKSONVILLE, FLORIDA

73-77

YEARS

JUN
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.7	2.0	.7								6.0	7.1
NNE		1.3	1.3	1.3								4.0	8.8
NE			4.7	1.3								6.0	9.2
ENE		2.7	2.7	.7								6.0	7.6
E	2.7	6.7	12.0	2.7								24.0	7.2
ESE	2.7	3.3	4.7	2.0								12.7	7.1
SE	1.3	1.3	3.3		.7							6.7	7.8
SSE		.7	.7	.7	.7							2.7	11.0
S	1.3	4.7	2.7	.7								9.3	5.8
SSW	1.3	.7	.7	.7								3.3	6.0
SW		1.3	3.3	1.3								6.0	8.7
WSW	.7	1.3	2.7									4.7	6.7
W	.7	3.3	.7	.7								5.3	6.5
WNW	.7											.7	3.0
NW			1.3	.7								2.0	10.7
NNW		.7										.7	4.0
VARBL													
CALM												.0	
	12.0	30.7	42.7	13.3	1.3							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA

STATION NAME

73-77

YEARS

ALL WEATHER

CLASS

JUN
MONTH

19

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N				.7								.7	12.0
NNE		.7	1.3	.7	.7							3.3	10.6
NE	1.3		.7	.7								2.7	6.5
ENE	1.3	4.7	3.3	.7								10.0	6.1
E	1.3	6.0	7.3									14.7	6.8
ESE		6.7	6.0	.7								13.3	6.8
SE	.7	3.3	2.7	.7								7.3	6.4
SSE		5.3	4.0									9.3	6.5
S	.7	3.3	1.3	1.3								6.7	6.9
SSW	1.3	2.7	.7									4.7	4.1
SW		3.3	3.3	1.3								8.0	7.8
WSW	1.3	2.0	2.0									5.3	6.0
W	1.3	.7	.7									2.7	4.5
WNW	.7	1.3	1.3	1.3								4.7	8.4
NW			.7									.7	6.0
NNW	1.3	1.3		.7								3.3	6.2
VARBL													
CALM												2.7	
	11.3	41.3	35.3	8.7	.7							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7										1.3	4.0
NNE	.7	1.3	2.0	1.3								5.3	7.4
NE	1.3	1.3	.7									3.3	4.0
ENE	2.7	1.3										4.0	3.3
E	2.7	4.7	.7									8.0	4.3
ESE	1.3	7.3	.7									9.3	4.6
SE	2.0	1.3	.7	.7								4.7	5.4
SSE	.7	3.3	7.3	.7								12.0	7.6
S	4.0	9.3	4.7									18.0	5.1
SSW	.7	4.0										4.7	4.1
SW	2.0	4.0	2.7									8.7	5.1
WSW		2.7	2.0									4.7	6.0
W	2.7	3.3	.7									6.7	3.8
WNW		1.3										1.3	4.5
NW	.7		2.0									2.7	6.0
NNW	.7											.7	1.0
VARBL													
CALM												4.7	
	22.7	46.0	24.0	2.7								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	1.1	.7								4.3	6.9
NNE	1.3	1.6	1.3	.7	.1							5.0	6.5
NE	1.0	1.3	1.2	.4								3.9	5.9
ENE	.9	1.9	1.0	.2								4.0	5.6
E	2.5	3.4	3.4	.5								9.8	5.9
ESE	1.7	2.9	2.0	.4								7.0	5.6
SE	1.5	1.7	1.5	.2	.1							5.0	5.5
SSE	.7	3.2	2.7	.2	.1							6.9	6.3
S	2.4	5.2	2.9	.4								10.9	5.4
SSW	1.6	3.4	1.0	.1								6.1	4.7
SW	2.1	2.7	2.6	.5								7.9	5.8
WSW	3.0	2.8	1.6									7.4	4.5
W	3.8	4.0	1.0	.2								9.0	4.3
WNW	1.4	1.0	.2	.2								2.7	4.3
NW	.7	.5	.7	.1								1.9	5.1
NNW	.9	1.4	.1	.4								2.8	5.1
VARBL													
CALM												5.2	
	26.2	39.2	24.2	5.1	.2							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	.6									1.3	6.5
NNE	.6	.6										1.3	3.0
NE	.6	2.6										3.2	3.8
ENE	2.6	.6										3.2	2.6
E	3.2	1.3										4.5	3.1
ESE	1.3	2.6										3.9	4.0
SE	2.6	1.3	1.3									5.2	4.1
SSE	1.3	3.2	1.3									5.8	5.3
S		7.1	2.6									9.7	5.8
SSW	7.7	10.3	4.5	.6								23.2	4.9
SW	4.5	5.8	1.3									11.6	4.4
WSW	3.2	3.9	2.6									9.7	4.8
W	4.5	1.9										6.5	2.6
WNW	1.9											1.9	2.3
NW	.6											.6	3.0
NNW	.6											.6	3.0
VARB													
CALM												7.7	
	35.5	41.9	14.2	.6								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837

JACKSONVILLE, FLORIDA

73-77

JUL

STATION

STATION NAME

YEARS

MONTH

CLASS

ALL WEATHER

CLASS

04

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3										1.3	5.5
NNE	.6											.6	1.0
NE	.6	1.9										2.6	4.3
ENE	2.6	.6										3.2	2.2
E	1.3			.6								1.9	5.0
ESE		1.3										1.3	4.5
SE		1.3										1.3	4.5
SSE	2.6	4.5	1.3									6.4	4.5
S	1.9	3.9	3.9									9.7	5.5
SSW	3.9	6.5	1.3									11.6	4.6
SW	6.5	5.8	.6									12.9	3.7
WSW	8.4	3.9	2.6									14.8	4.0
W	3.9	3.2										7.1	3.5
WNW	2.6											2.6	2.0
NW	1.3	1.3										2.6	3.8
NNW	1.3											1.3	2.0
VARBL													
CALM												16.8	
	37.4	35.5	9.7	.6								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9	.6									3.9	4.8
NNE	.6	1.3										1.9	3.7
NE		3.2										3.2	4.4
ENE	1.9	1.3										3.2	3.2
E	3.9	.6										4.5	2.6
ESE	1.3	1.9										3.2	3.6
SE													
SSE	1.3	1.3										2.6	3.3
S	3.2	2.6	3.2									9.0	5.0
SSW	1.9	4.5	1.3									7.7	4.3
SW	2.6	9.7										12.3	4.2
WSW	5.8	7.1	4.5	.6								18.1	5.1
W	4.5	2.6	.6									7.7	3.7
WNW	2.6	.6										3.2	2.6
NW	2.6	.6										3.2	3.0
NNW		1.3	.6									1.9	6.3
VARBL													
CALM												14.2	
	33.5	40.6	11.0	.6								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	3.9										7.1	3.1
NNE	2.6	2.6	.6									5.8	4.1
NE	2.6	1.3	1.3	1.3								6.5	6.1
ENE		1.9	.6									2.6	5.8
E	1.9	3.2	.6									5.8	4.0
ESE	2.6	3.2	.6									6.5	4.1
SE	4.5	2.6	.6									7.7	3.8
SSE	1.3	3.2	1.3	.6								6.5	6.0
S	2.6	1.9	5.2	.6								10.3	6.5
SSW	3.9	2.6										6.5	3.2
SW		1.9	2.6									4.5	7.1
WSW	.6	3.2	6.5	.6								11.0	7.6
W	1.9	4.5	2.6	.6								9.7	5.8
WNW	.6	1.3										1.9	4.3
NW	.6	1.3										1.9	4.0
NNW	1.9	1.3	.6									3.9	4.3
VARB													
CALM												1.9	
	31.0	40.0	23.2	3.9								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

155

2
NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9	.6									3.9	4.2
NNE	.6	2.6	.6									3.9	5.3
NE			4.5									4.5	8.7
ENE	2.6	2.6		.6								5.8	4.3
E	2.6	4.5	3.9	1.3								12.3	6.3
ESE	1.9	3.9	3.2	.6								9.7	6.5
SE	1.9	3.2	.6									5.8	4.7
SSE		1.3	6.5	1.3								9.0	8.1
S	1.3	5.2	3.9	.6								11.0	6.5
SSW	1.3	2.6	1.3									5.2	5.8
SW	.6	.6	2.6	2.6								6.5	8.7
WSW	.6	4.5	1.3	1.9								8.4	7.2
W	.6	2.6	1.9	.6								5.8	6.6
WNW	1.3	1.3	.6									3.2	4.8
NW		.6										.6	4.0
NNW	.6		.6									1.3	5.5
VARBL													
CALM												3.2	
	17.4	37.4	32.3	9.7								100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

155

1225 02121

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

JUL
MONTH

16
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	.6	.6								2.6	7.5
NNE	1.3			.6								1.9	4.7
NE		1.3	1.9	1.3								4.5	8.4
ENE	.6	1.3	1.9	1.3								5.2	7.5
E	1.3	9.0	12.3	1.3								23.9	7.1
ESE	2.6	3.2	2.6	1.3								9.7	6.1
SE	1.3	1.3	2.6	1.9								7.1	7.7
SSE	.6	.6	4.5									5.8	7.4
S		3.9	5.2	.6								9.7	7.5
SSW		.6	5.2	.6								6.5	8.7
SW		1.3	1.9	1.3								4.5	8.9
WSW	1.3	2.6	1.3	3.2								8.4	8.2
W	.6	1.3	2.6									4.5	6.1
WNW		.6	.6	.6								1.9	9.3
NW	.6	.6										1.3	4.5
NNW		.6			.6							1.3	13.0
VARBL													
CALM												1.3	
	11.0	29.0	43.2	14.8	.6							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

JUL
MONTH

19
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	.6											.6	2.0
NE			1.9									1.9	7.7
ENE		2.6	2.6	.6								5.8	7.3
E	.6	4.5	5.2	1.3								11.5	7.2
ESE	3.9	4.5	5.2	.6								14.2	5.8
SE	.6	4.5	6.5	.6								12.3	6.8
SSE	2.6	1.3	3.9	.6								8.4	6.2
S	3.9	.6	5.8	1.3								11.6	6.4
SSW	1.3	5.2	1.3	2.6								10.3	6.8
SW		1.3	2.6	.6								4.5	8.6
WSW	1.3	1.9	4.5	1.3								9.0	7.4
W	1.3	1.3	1.3									3.9	5.2
WNW			.6									.6	8.0
NW	.6											.6	2.0
NNW		.6	1.3									1.9	8.0
VARBL													
CALM												2.6	
	16.8	28.4	42.6	9.7								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) Dir.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3		.6									1.9	3.7
NNE		.6										.6	5.0
NE	.6	2.6	1.3									4.5	5.1
ENE	3.2	.6										3.9	2.7
E	3.9	2.6										6.5	3.7
ESE	3.2	3.2	1.3									7.7	4.3
SE	1.3	1.9	1.3	.6								5.2	5.9
SSE	.6	4.5	8.4									13.5	7.0
S	1.3	5.2	7.7	1.3								15.5	7.0
SSW	2.6	5.2	6.5	.6								14.8	5.8
SW	3.9	3.9	3.2									11.0	5.1
WSW	1.3	3.2	.6									5.2	4.8
W	1.3	1.9										3.2	3.8
WNW													
NW	.6											.6	3.0
NNW	1.3											1.3	2.0
VARBL													
CALM												4.5	
	26.5	35.5	31.0	2.6								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93837

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

JUL
MONTH

ALL WEATHER

CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.3	.4	.1								2.7	4.5
NNE	.9	1.0	.2	.1								2.1	4.2
NE	.6	1.6	1.4	.3								3.9	6.2
ENE	1.7	1.5	.6	.3								4.1	4.8
E	2.3	3.2	2.7	.6								8.9	5.6
ESE	2.1	3.0	1.6	.3								7.0	5.3
SE	1.5	2.0	1.6	.4								5.6	5.7
SSE	1.3	2.5	3.4	.3								7.5	6.3
S	1.8	3.8	4.7	.6								10.8	6.3
SSW	2.8	4.7	2.7	.6								10.7	5.4
SW	2.3	3.8	1.9	.6								8.5	5.5
WSW	2.8	3.8	3.0	1.0								10.5	5.9
W	2.3	2.4	1.1	.2								6.0	4.6
WNW	1.1	.5	.2	.1								1.9	4.2
NW	.9	.6										1.5	3.5
NNW	.7	.5	.4		.1							1.7	5.6
VARBL													
CALM												6.5	
	26.1	36.0	25.9	5.3	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93837

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

AUG
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6											1.3	6.0
NNE	3.9	.6										4.5	3.0
NE	2.6	3.2		1.3								7.1	5.7
ENE	.6	3.2										3.9	4.8
E	3.2	4.5										7.7	3.9
ESE	2.6	1.9										4.5	3.3
SE	1.3	3.9	.6									5.8	4.8
SSE	.6	7.1	1.9									9.7	5.3
S	2.6	3.9	4.5	.6								11.6	5.7
SSW	1.3	5.8	1.9									9.0	5.0
SW	1.9	.6										3.2	3.8
WSW	3.9	3.2										7.1	3.5
W	4.5	4.5										9.0	3.4
WNW	.6											.6	3.0
NW	.6			.6								.6	3.0
NNW												.6	11.0
VARBL													
CALM												13.5	
	31.0	42.6	10.3	2.6								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	1.3									3.2	5.0
NNE	1.3	2.6		.6								4.5	5.1
NE	.6	.6	.6		.6							2.6	8.3
ENE	1.3	1.3	1.3									3.9	5.2
E	.6	.6	1.3									2.6	5.3
ESE	1.3	1.3										2.6	3.3
SE	.6	2.6	.6									3.9	4.8
SSE	1.3	6.5	1.3									9.0	4.8
S	1.9	5.2	1.3									8.4	4.7
SSW	5.2	5.8										11.0	3.6
SW	3.9	1.3										5.2	2.5
WSW	8.4	2.6										11.0	2.7
W	4.5	.6										5.2	2.0
WNW	1.9	.6		.6								2.6	2.5
NW		1.3										1.9	7.0
NNW													
VARBL													
CALM												22.6	
	33.5	34.2	7.7	1.3	.6							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

155

12

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA

72-77

STATION NAME

YEARS

AUG
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	.6	1.3								4.5	6.6
NNE	1.3	3.2		.6								5.2	5.0
NE	1.3	.6		.6								2.6	4.8
ENE	1.9	3.2										5.2	4.0
E	2.6	1.9		.6								5.2	4.6
ESE	.6	1.3	.6									2.6	5.0
SE	1.9	.6										2.6	3.3
SSE	1.3	3.2	.6									5.2	4.5
S	2.6	3.2	1.3									7.1	4.5
SSW	1.3	2.6	2.6									6.5	5.9
SW	2.6	5.2										7.7	4.2
WSW	3.9	3.2										7.1	3.6
W	4.5	1.9	.6									7.1	3.1
WNW	1.9	.6										2.6	2.5
NW	4.5	.6										5.2	2.5
NNW	.6	1.3	.6	.6								3.2	7.2
VARBL													
CALM												20.6	
	34.2	34.2	7.1	3.9								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

AUG
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	2.6	1.9									9.0	4.2
NNE	3.2	5.8	1.3		.6							11.0	5.2
NE		.6	.6		.6							1.9	10.0
ENE		3.9		.6								4.5	5.9
E	2.6	3.9	1.3	1.9								9.7	5.8
ESE	2.6	2.6	1.9									7.1	4.5
SE	1.9	.6	1.3	1.3								5.2	6.6
SSE	.6	3.9	.6									5.2	5.5
S	3.2	8.4	3.2	.6								15.5	5.5
SSW	1.3	2.6	2.6									6.5	5.8
SW	.6	1.9	1.3									3.9	6.0
WSW	1.9	2.6	.6									5.2	4.3
W	2.6	1.9	1.9									6.5	4.7
WNW		.6										.6	4.0
NW	1.3											1.3	2.5
NNW	.6	.6	1.9									3.2	6.4
VARBL													
CALM												3.9	
	27.1	42.6	20.6	4.5	1.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEAR

AUG
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	1.3										5.2	2.5
NNE	.6	3.2	2.6	.6								7.1	6.3
NE	1.3	2.6	1.3	.6	.6							6.5	7.2
ENE	.6	3.2	3.9	2.6								10.3	8.3
E	1.9	1.3	3.9	2.6		.6						10.3	8.6
ESE	3.2	2.6	6.5		.6							12.9	6.8
SE	.6	2.6	3.2									6.3	6.9
SSE		1.3	3.9									5.2	7.1
S	1.9	6.5	3.9									12.3	5.7
SSW	.6	2.6	2.6									5.8	6.4
SW		1.3		.6								1.9	6.7
WSW		2.6	1.9									4.5	7.0
W	.6	1.3	1.9	.6								4.5	6.9
WNW	.6	.6		.6								1.9	5.7
NW			.6									.6	7.0
NNW	.6		1.3									1.9	6.0
VARBL													
CALM												2.0	
	16.8	32.9	37.4	8.4	1.3	.6						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6		.6									1.3	5.0
NNE	1.3	.6	1.3									3.2	5.4
NE		.6	.6	2.6	.6	.6						5.2	13.8
ENE		2.6	5.8	1.9	.6							11.0	8.8
E	.6	5.8	13.5	4.5	.6							25.2	6.6
ESE	1.9	4.5	5.8	4.5								16.8	7.8
SE	.6	2.6	2.6	3.2								9.0	8.2
SSE	1.3	1.3	3.2	1.3								7.1	8.0
S			3.2	1.3								4.5	9.1
SSW		.6	1.3	1.3								3.2	10.0
SW		2.6	1.3	.6								4.5	7.0
WSW		1.9	.6									2.6	5.3
W		1.3	1.3									2.6	6.8
WNW		1.3										1.3	4.0
NW				.6								.6	16.0
NNW			1.3									1.3	9.5
VARBL													
CALM												.6	
	6.5	25.8	42.6	21.9	1.9	.6						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6		.6									1.3	5.5
NNE	.6	1.3		1.9								3.9	9.0
NE		1.9	1.3									3.2	6.6
ENE	.6	3.9	1.9									6.5	5.8
E	3.2	7.7	12.3									23.2	6.3
ESE	1.3	7.1	7.1									15.5	6.3
SE	1.3	3.2	8.4	1.3								14.2	7.0
SSE	.6	3.2	1.9		1.3							7.1	8.2
S	1.9	1.9	.6									4.5	4.3
SSW	1.3	1.3	.6									3.2	5.2
SW	1.9	1.9	.6	.6								3.2	7.0
WSW	1.9		2.6									4.5	5.3
W	1.9	3.2	.6									5.8	4.4
WNW	1.3	.6										1.9	3.3
NW													
NNW			1.3									1.3	8.0
VARBL													
CALM												.6	
	16.8	37.4	40.0	3.9	1.3							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3										2.6	4.0
NNE		2.6		.6								3.2	6.2
NE	1.9	.6	.6	.6								4.5	6.9
ENE	3.2	4.5	.6									8.4	4.4
E	5.2	5.8	1.9									12.9	4.4
ESE	2.6	3.9	.6									7.1	4.5
SE	1.9	4.5	3.2									9.7	5.6
SSE	.6	3.2	6.5									10.3	6.8
S	1.9	4.5	5.8	.6								12.9	6.1
SSW	.6	3.2	2.6									6.5	5.8
SW	1.3	1.3		.6								3.2	5.2
WSW	1.3	1.9										3.2	3.4
W	1.3	1.3										2.6	3.3
WNW	1.3	.6										1.9	3.3
NW	.6											.6	2.0
NNW	1.3	2.6										3.9	4.0
VARBL													
CALM												6.5	
	26.5	41.9	21.9	2.6	.6							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.0	.7	.2								3.5	4.5
NNE	1.5	2.5	.6	.6	.1							5.3	5.5
NE	1.0	1.4	.6	.7	.4	.1						4.2	7.8
ENE	1.0	3.2	1.7	.6	.1							6.7	6.4
E	2.5	4.0	4.3	1.2	.1	.1						12.1	6.5
ESE	2.0	3.1	2.8	.6	.1							8.6	6.0
SE	1.3	2.6	2.5	.7								7.1	6.4
SSE	.8	3.7	2.5	.2	.2							7.3	6.3
S	2.0	4.2	3.0	.4								9.6	5.6
SSW	1.5	3.1	1.8	.2								6.5	5.5
SW	1.3	2.0	.5	.3								4.1	5.0
WSW	2.7	2.3	.7									5.6	4.0
W	2.5	2.0	.8	.1								5.4	4.1
WNW	1.0	.6		.1								1.7	3.4
NW	.9	.2	.1	.2								1.4	4.4
NNW	.4	.6	.8	.2								1.9	6.5
VARBL													
CALM												8.9	
	24.0	36.5	23.5	6.1	.9	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

72-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3			2.0								3.3	8.4
NNE	3.3	.7	2.0									6.0	4.6
NE	2.0	2.0	.7	1.3								6.0	6.1
ENE	2.0	2.0	.7	1.3								6.0	6.1
E	2.7	.7	1.3									4.7	4.3
ESE	2.0	.7										2.7	3.0
SE	2.0	5.3	2.0									9.3	4.6
SSE	.7	4.7	2.7	.7								8.7	6.1
S	1.3	5.3	1.3									8.0	4.8
SSW	1.3	1.3	1.3									4.0	5.2
SW	4.0	2.7	.7	.7								8.0	4.6
WSW	3.3	4.7	.7									8.7	4.2
W	.7	4.0										4.7	4.3
WNW	1.3	1.3										2.7	3.5
NW	2.0	2.0										4.0	3.7
NNW	1.3	3.3	1.3									6.0	5.0
VARBL													
CALM												7.3	
	31.3	40.7	14.7	6.0								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.7	1.3	2.0								6.7	7.9
NNE	2.7	2.7	.7	.7								6.7	5.1
NE		.7	1.3									2.0	6.0
ENE	2.0	2.7		.7								5.3	4.8
E	1.3	2.0										3.3	3.8
ESE	2.0	1.3										3.3	3.2
SE		1.3	.7									2.0	6.3
SSE	2.7	1.3	.7	.7								5.3	4.8
S	1.3	2.0	2.0									5.3	5.1
SSW	.7	2.7	2.0									5.3	6.1
SW	2.0	.7	1.3									4.0	4.5
WSW	6.0	2.7	1.3									10.0	3.7
W	7.3	3.3	.7									11.3	3.2
WNW	2.7											2.7	1.5
NW	2.0	.7	.7									3.3	4.0
NNW	1.3	.7	4.0									6.0	6.8
VARBL													
CALM												17.3	
	34.7	27.3	16.7	4.0								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

130

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	4.0	4.0	1.3								12.0	6.6
NNE	3.3	2.0										5.3	3.6
NE		1.3	2.0									3.3	6.2
ENE	.7	2.7										3.3	4.0
E	2.0	3.3										5.3	3.8
ESE	.7	1.3	.7									2.7	5.0
SE	.7	1.3										2.0	4.0
SSE	.7	2.0	.7	.7								4.0	6.7
S			2.0									2.0	7.7
SSW	.7	2.7										3.3	5.0
SW	2.7	2.0	.7									5.3	4.0
WSW	6.0	2.0	1.3									9.3	3.7
W	8.0	2.7	.7									11.3	2.6
WNW	2.0	1.3										3.3	3.2
NW	4.7	1.3	1.3									7.3	3.7
NNW	1.3	3.3	2.7	.7								9.0	6.5
VARBL													
CALM												12.0	
	36.0	33.3	16.0	2.7								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	6.0	5.3	1.3								16.0	6.2
NNE	4.7	4.7	2.7	.7								12.7	5.0
NE	.7	.7	1.3	.7								3.3	7.8
ENE	2.7	2.0	2.0	2.0								8.7	6.3
E	1.3	3.3	4.0									8.7	6.0
ESE	1.3	2.0	.7	.7								4.7	5.7
SE	2.0		.7									2.7	3.3
SSE	1.3	1.3	4.0									6.7	6.0
S	.7	2.7	2.0	1.3								6.7	7.0
SSW	.7	3.3	1.3									5.3	5.0
SW	.7	.7	3.3									4.0	8.2
WSW	.7	2.7	.7									4.0	5.3
W	.7	.7	2.7									4.0	6.8
WNW	1.3	.7	2.7									4.7	6.4
NW	.7	1.3	.7									2.7	5.3
NNW		1.3	2.0									3.3	6.8
VARBL													
CALM												2.0	
	22.0	33.3	36.0	6.7								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.7	2.0	2.0								8.0	7.5
NNE	2.0	3.3	1.3									6.7	5.3
NE	.7	4.0	6.7	2.7								14.0	8.1
ENE	1.3	4.0	2.7	.7	.7							9.3	7.1
E	2.0	2.0	7.3	.7								12.0	7.3
ESE	2.0	2.0	3.3									7.3	5.8
SE		4.0	2.0									6.0	6.0
SSE	.7	1.3	4.0									6.0	7.0
S	1.3	.7	2.7	.7	.7							6.0	8.2
SSW	1.3	2.7		.7								4.7	4.7
SW	1.3	2.0	.7	1.3								5.3	6.4
WSW	.7	1.3	2.0	.7								4.7	6.6
W		3.3		.7								4.0	6.3
WNW	.7	1.3	1.3									3.3	6.0
NW												2.0	2.7
NNW	2.0												
VARB													
CALA												.7	
	17.3	34.7	36.0	10.0	1.3							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

150

10120 54321

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

SEP
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7		1.3	1.3								3.3	9.0
NNE		.7	2.7	1.3								4.7	9.9
NE		3.3	3.3	1.3	.7							8.7	8.6
ENE	.7	1.3	8.0	4.0	.7							14.7	9.2
E	.7	2.0	11.3	6.0								20.0	9.5
ESE	.7	4.0	8.0	2.0								14.7	7.9
SE		.7	4.0	2.0								6.7	9.6
SSE	.7	3.3	1.3									5.3	5.5
S	.7	.7	1.3	1.3								4.0	9.5
SSW	1.3	.7	.7									2.7	4.5
SW			2.0									2.0	8.0
WSW		2.7		1.3								4.0	8.0
W		2.7	2.0									4.7	6.3
WNW			1.3									1.3	8.0
NW	1.3	1.3	.7									3.3	4.2
NNW													
VARBL													
CALM												.0	
	6.7	23.3	48.0	20.7	1.3							100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION
93837

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

SEP

MONTH

ALL WEATHER

CLASS

19

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.7	.7								2.7	7.3
NNE	1.3	1.3	2.0	2.0	.7							7.3	9.2
NE	2.0	3.3	3.3	.7								9.3	6.4
ENE		6.0	3.3									9.3	5.9
E	1.3	8.7	1.3	1.3								12.7	6.1
ESE	2.0	10.0	6.0									18.0	5.3
SE	.7	6.0	6.7	.7								14.0	7.0
SSE	1.3	.7	2.0		.7							4.7	8.0
S		2.0		.7								2.7	7.3
SSW		2.0		.7								2.7	7.0
SW		1.3	2.0									3.3	7.6
WSW	1.3	1.3										2.7	3.5
W	2.0	3.3										5.3	3.8
WNW		1.3										1.3	5.5
NW	.7	1.3	.7									2.7	5.5
NNW	.7											.7	2.0
VARBL													
CALM													
	14.0	49.3	28.0	6.7	1.3							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93837
STATION

JACKSONVILLE, FLORIDA

STATION NAME

73-77

YEARS

SEP
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.3	2.0									5.3	6.1
NNE	1.3	.7	1.3	.7	.7							4.7	8.0
NE	2.0	2.0	.7	.7	.7							6.0	7.0
ENE	.7	2.7	2.0	.7								6.0	6.9
E	3.3	4.7	1.3									9.3	4.2
ESE	4.0	4.0	.7									8.7	3.6
SE	.7	8.0	2.0									10.7	5.7
SSE	.7	4.0	2.7									7.3	6.0
S	2.7	4.7	.7	1.3								9.3	5.9
SSW	1.3	3.3	1.3									6.0	4.9
SW	2.0	1.3	.7									4.0	4.0
WSW	2.7	1.3	2.0									6.0	4.8
W	3.3		1.3									4.7	4.3
WNW		.7	1.3									2.0	7.3
NW		.7	1.3									2.0	6.3
NNW		1.3	.7	.7								2.7	7.5
VARBL													
CALM												5.3	
	24.7	42.7	22.0	4.0	1.3							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93037
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.4	2.1	1.3								7.2	7.0
NNE	2.3	2.0	1.6	.7	.2							6.7	6.1
NE	.9	2.2	2.4	.9	.2							6.6	7.3
ENE	1.2	2.9	2.3	1.2	.2							7.8	6.8
E	1.8	3.3	3.3	1.0								9.5	6.6
ESE	1.6	3.2	2.4	.3								7.7	5.5
SE	.7	3.3	2.2	.3								6.7	6.2
SSE	1.1	2.3	2.2	.2	.1							6.0	6.2
S	1.0	2.2	1.5	.7	.1							5.5	6.6
SSW	.9	2.3	.8	.2								4.2	5.3
SW	1.5	1.3	1.4	.2								4.5	5.6
WSW	2.6	2.3	1.0	.2								6.2	4.7
W	2.7	2.5	.9	.1								6.2	4.1
WNW	1.0	.8	.8									2.7	5.0
NW	1.4	1.1	.7									3.2	4.4
NNW	.8	1.2	1.3	.2								3.6	6.0
VARBL													
CALM												5.7	
	23.3	35.6	27.2	7.6	.7							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

1200

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

OCT
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	1.3	5.8	2.6	.6							13.5	8.0
NNE	.6	2.6	1.9	3.9								9.0	9.1
NE	2.6	3.2	3.9	.6	.6							11.0	6.7
ENE	.6	1.9	.6									3.2	4.8
E	2.6	.6	.6									3.9	4.0
ESE		.6	1.3									1.9	6.7
SE	.6	1.3										1.9	3.7
SSE	.6	.6	1.3	.6								3.2	6.8
S	.6	1.3										1.9	4.3
SSW		.6	.6									1.3	7.0
SW	.6			.6								1.3	6.0
WSW	5.2	3.9	.6									9.7	3.7
W	5.8	5.8	1.3									12.9	4.2
WNW	.6	.6	1.3									2.6	6.0
NW		1.9	1.9									3.9	6.7
NNW	.6	3.2	3.2	1.9								9.0	7.0
VARBL													
CALM												9.7	
	24.5	29.7	24.5	10.3	1.3							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93837

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

04

MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	7.7	8.4	.6							18.7	9.9
NNE	2.6	4.5	1.9	3.2								12.3	6.7
NE	1.3	.6	1.9	.6								4.5	7.6
ENE		.6										.6	4.0
E	.6		.6									1.3	4.5
ESE													
SE	.6											.6	3.0
SSE	.6	.6	1.3	.6								3.2	7.6
S		.6	.6									1.3	6.0
SSW		1.3	1.3									2.6	6.8
SW	.6											.6	3.0
WSW	4.5	3.9	.6									9.0	3.7
W	3.9	3.9										7.7	3.3
WNW	3.2	3.2	2.6									9.0	4.8
NW	3.9	3.2	1.3									8.4	4.1
NNW	2.6	1.9	2.6	1.3								8.4	6.4
VARBL													
CALM												11.6	
	24.5	26.5	22.6	14.2	.6							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

OCT
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9	11.0	8.4								22.6	9.3
NNE	.6	3.2	3.2	3.2	.6							11.0	9.2
NE	1.3	1.3	.6									3.2	4.4
ENE	1.3											1.3	2.0
E		.6	.6									1.3	7.0
ESE													
SE	.6	.6										1.3	3.0
SSE	1.3		1.3	.6								3.2	6.8
S		1.9	.6									2.6	5.3
SSW	.6	.6	.6									1.9	5.3
SW	2.6											2.6	1.5
WSW	1.9	1.9										3.9	3.7
W	5.6	3.2										9.0	3.1
WNW	5.2	.6	1.3									7.1	3.4
NW	4.5	1.9	1.3									7.7	3.8
NNW	3.2	1.9	6.5	1.3								12.9	7.3
VARBL													
CALM												8.4	
	30.3	20.0	27.1	13.5	.6							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

OCT
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	8.4	5.2	5.8								21.3	7.6
NNE		1.9	5.2	7.7								14.8	10.4
NE		1.9	4.5	3.2	1.3							11.0	10.6
ENE	.6	1.3	.6	1.9								4.5	8.9
E	.6	.6	1.9									3.2	7.2
ESE	.6		1.3	.6								2.6	7.5
SE	1.9	.6										2.6	3.0
SSE	.6		.6	.6								1.9	7.7
S		2.6	1.3	.6	.6							5.2	8.8
SSW		.6	.6									1.3	7.5
SW													
WSW	1.3	1.3	.6	.6								3.9	5.7
W		1.9	1.3	.6								3.9	6.7
WNW		1.9	1.3	.6								3.9	7.2
NW	1.3		3.2									4.5	6.3
NNW		7.1	2.6	2.6								12.3	7.3
VARB													
CALM												3.2	
	9.0	30.3	30.3	25.2	1.9							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93847
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

OCT
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.9	.6	1.9	.6							7.7	8.1
NNE	2.6	4.5	3.2	7.7	2.6							20.6	10.2
NE	1.9	3.2	4.5	6.5	.6	.6						17.4	9.7
ENE	.6	1.3	6.5	1.9	.6							11.0	8.9
E	.6	1.3	3.2		.6							5.8	8.0
ESE		1.9	2.6									4.3	7.1
SE	1.3	.6	.6									2.6	5.0
SSE	.6											.6	3.0
S	.6		3.2	.6	.6							5.2	8.8
SSW			.6	1.3	.6							2.6	13.5
SW		.6	1.3	.6								2.6	7.5
WSW			.6	1.9								2.6	11.0
W	.6	.6	1.3									2.6	5.0
WNW		.6	1.9	1.3								3.9	9.5
NW	.6	1.3	2.6	.6								5.2	7.8
NNW	.6	1.9	1.9									4.3	6.4
VARS													
CALM												.6	
	11.0	21.9	34.8	24.5	6.5	.6						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA

STATION NAME

73-77

YEARS

OCT

MONTH

ALL WEATHER

CLASS

16

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3			1.3	.6							3.2	10.2
NNE	1.3	1.9	5.2	7.7	1.3							17.4	10.6
NE	1.3	3.9	7.1	9.7	1.3							23.2	9.7
ENE		2.6	6.5	3.9	.6	.6						14.2	9.8
E	.6	.6	5.8	.6								7.7	7.8
ESE		3.2	3.9									7.1	6.7
SE	.6	1.3	1.9									3.9	6.5
SSE	1.3											1.3	3.0
S		1.3	.6	.6								2.6	8.0
SSW			1.3	.6								1.9	10.3
SW				.6								.6	11.0
WSW		.6	1.3	.6								2.6	8.5
W		1.9	1.3									3.2	6.2
WNW	.6		2.6	1.3								4.5	8.7
NW		.6	.6	.6								1.9	8.0
NNW		1.9	1.9	.6								4.5	7.7
VARBL													
CALM												.0	
	7.1	20.0	40.0	28.4	3.9	.6						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

OCT
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	3.2	1.9								6.5	9.1
NNE	.6	7.1	6.5	5.8								20.0	6.7
NE	3.2	5.2	5.8	3.9								18.1	7.6
ENE	1.3	5.8	4.5	.6								12.3	6.4
E	2.6	5.2	.6									6.4	4.4
ESE	1.9	1.9	.6									4.5	4.3
SE	.6	2.6	1.9									5.2	5.5
SSE		.6										.6	4.0
S	.6	1.3	3.2									5.2	7.0
SSW													
SW		1.9										1.9	4.3
WSW		.6										.6	4.0
W	2.6	.6										3.2	2.8
WNW	.6	1.3	.6									2.6	5.3
NW	3.2	2.6	.6									6.5	3.9
NNW	2.6	1.3										3.9	3.2
VARBL													
CALM												.6	
	20.6	36.7	27.7	12.3								100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 93837 JACKSONVILLE, FLORIDA STATION NAME YEARS 73-77 MONTH OCT NORTH

CLASS ALL WEATHER HOURS (L.S.T.) 22

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.3	5.2	4.5								12.9	9.1
NNE	2.6	4.5	3.9	3.2								14.2	6.9
NE	.6	7.7	5.8	1.9								16.1	7.1
ENE	2.6	2.6	1.9	.6								7.7	5.8
E	1.3	3.2										4.5	3.9
ESE	1.9	1.9	.6									4.5	4.1
SE	1.3	1.3	.6									3.2	4.0
SSE	.6	2.6	1.3									4.5	5.6
S	1.3	.6	1.3									3.2	5.2
SSW			1.9	.6								2.6	8.3
SW		1.3	.6									1.9	6.3
WSW	.6	3.2										3.9	4.7
W	1.3	3.2	.6									5.2	4.5
WNW	1.3	3.2	.6									5.2	4.5
NW		1.9	.6									2.6	5.8
NNW	1.3	1.3	.6									3.2	4.6
VARBL													
CALM												4.5	
	18.7	40.0	25.8	11.0								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93837

STATION NAME
JACKSONVILLE, FLORIDA

YEARS
73-77

MONTH
OCT

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.4	4.8	4.4	.3							13.3	8.8
NNE	1.4	3.8	3.9	5.3	.6							14.9	9.1
NE	1.5	3.4	4.3	3.3	.5	.1						13.1	8.5
ENE	.9	2.0	2.6	1.1	.2	.1						6.9	7.7
E	1.1	1.5	1.7	.1	.1							4.5	5.9
ESE	.6	1.2	1.3	.1								3.1	6.0
SE	1.0	1.0	.6									2.7	4.7
SSE	.7	.6	.7	.3								2.3	6.2
S	.4	1.2	1.4	.2	.2							3.4	7.1
SSW	.1	.4	.7	.3	.1							1.8	8.6
SW	.5	.5	.2	.2								1.5	5.2
WSW	1.7	1.9	.5	.4								4.5	4.9
W	2.5	2.7	.7	.1								6.0	4.2
WNW	1.5	1.5	1.5	.4								4.8	5.8
NW	1.7	1.7	1.5	.2								5.1	5.3
NNW	1.4	2.6	2.4	1.0								7.3	6.7
VARBL													
CALM												4.8	
	18.2	28.4	29.1	17.4	1.9	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.3	4.0	4.7								13.3	8.5
NNE	.7	2.0	5.3									6.0	7.0
NE	.7	.7	1.3	.7								3.3	7.6
ENE	2.0		.7	.7								3.3	5.2
E	1.3	.7										2.0	3.3
ESE	.7											.7	3.0
SE	1.3											1.3	2.0
SSE	.7	1.3	1.3									3.3	5.4
S	1.3	6.0	2.7									10.0	5.5
SSW	.7	1.3										2.0	3.3
SW	4.0	1.3	1.3									6.7	3.9
WSW	2.7	2.7										5.3	3.4
W	2.0	3.3	1.3									6.7	4.6
WNW	1.3	3.3	1.3	.7								6.7	5.4
NW	.7	.7	1.3	.7								3.3	7.2
NNW	2.0	2.0	3.3	.7								6.0	6.6
VARBL													
CALM												16.0	
	23.3	28.7	24.0	8.0								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEAR

NOV
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	2.0	6.7	4.7								16.0	8.6
NNE	1.3	2.0	2.7									6.0	6.1
NE	.7	1.3	1.3	1.3								4.7	8.1
ENE	2.7											2.7	2.0
E	.7											.7	3.0
ESE	1.3				.7							2.0	8.0
SE	.7	.7	.7									2.0	4.3
SSE		.7	.7									1.3	6.0
S	.7	2.0	.7	.7								4.0	6.5
SSW	2.0	3.3	1.3									6.7	4.2
SW	1.3											1.3	1.5
WSW	4.0	2.7	.7									7.3	3.5
W	3.3	1.3	.7									5.3	3.3
WNW	2.0	1.3	2.7									6.0	5.4
NW	5.3	2.7	2.7	1.3								12.0	5.2
NNW	3.3	4.7	3.3									11.3	5.4
VARBL													
CALM												10.7	
	32.0	24.7	24.0	8.0	.7							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 93837 JACKSONVILLE, FLORIDA STATION NAME YEARS 73-77 MONTH NOV 07 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	5.3	3.3	7.3								20.0	8.1
NNE		1.3	4.7	2.0								8.0	9.3
NE	.7	1.3	2.0	2.0								6.0	8.7
ENE													
E	.7											.7	2.0
ESE													
SE		1.3										1.3	4.0
SSE		1.3										1.3	4.0
S	2.7	3.3	2.7									8.7	5.2
SSW	1.3	2.7		.7								4.7	4.7
SW	.7	2.0										2.7	4.0
WSW	3.3	1.3										4.7	3.1
W	3.3	1.3										4.7	2.9
WNW	2.7	2.7	1.3	.7								7.3	5.3
NW	2.7	.7	1.3									4.7	4.7
NNW		2.7	4.7	2.0								9.3	8.2
VARBL													
CALM												16.0	
	22.0	27.3	20.0	14.7								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	8.0	6.0	3.3								22.0	6.6
NNE	2.0	3.3	2.7	2.7								10.7	7.1
NE	3.3	1.3	2.0	4.0	.7							11.3	9.0
ENE	.7	.7										1.3	3.0
E	1.3	2.7	1.3									5.3	5.4
ESE	1.3	1.3		.7								3.3	5.4
SE	.7	.7	.7									2.0	5.0
SSE	1.3	1.3										2.7	3.5
S		2.7	4.7	.7								8.0	7.4
SSW	.7	1.3		.7								2.7	6.8
SW		.7	2.0	.7								3.3	9.2
WSW		1.3	2.0									3.3	6.4
W	.7	.7										1.3	3.0
WNW		.7	.7	2.0								3.3	10.2
NW	.7	1.3	2.0	.7								4.7	7.0
NNW	2.0	3.3	2.7	2.0								10.0	7.3
VARBL													
CALM												4.7	
	19.3	31.3	26.7	17.3	.7							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.3		.7								4.0	6.7
NNE	.7	5.3	4.7	3.3	.7							14.7	8.8
NE	.7	3.3	3.3	4.0								11.3	9.0
ENE	2.0	2.0	1.3	2.0								7.3	6.7
E	.7	.7	2.0	.7								4.0	8.2
ESE	1.3	4.0	2.0	.7								8.0	6.2
SE	.7	2.7	2.0	.7								6.0	6.8
SSE	1.3	2.0	1.3	.7								5.3	6.3
S	.7	3.3	3.3	.7								8.0	6.6
SSW	.7		2.0		.7							3.3	8.8
SW	.7	.7	2.0	1.3								4.7	9.6
WSW				1.3								1.3	14.0
W	.7	.7	2.0	1.3								4.7	8.6
WNW		2.0	2.0	1.3								5.3	7.8
NW	.7	1.3	.7	2.0	1.3							6.0	11.3
NNW		1.3	.7	1.3								3.3	6.4
VARBL													
CALM												2.7	
	10.7	32.7	29.3	22.0	2.7							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93837
STATION

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

NOV
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.3	1.3								2.7	9.5
NNE	1.3	3.3	3.3	2.0	.7							10.7	7.6
NE	.7	1.3	6.0	5.3								13.3	9.8
ENE		1.3	2.0	.7	.7							4.7	9.4
E	.7	5.0	4.0	1.3								12.0	6.8
ESE	1.3	2.7	6.0	.7								10.7	6.9
SE		4.7	.7	.7								6.0	5.8
SSE	1.3	1.3	2.0									4.7	5.1
S	.7	2.0	2.7									5.3	6.4
SSW		2.0	1.3									3.3	7.0
SW	.7	.7	2.7	.7								4.7	7.7
WSW			.7	.7								1.3	10.5
W		2.7	2.0	2.7								7.3	8.9
WNW		1.3	1.3	.7								3.3	8.8
NW	.7	.7	2.0	1.3								4.7	8.9
NNW	.7	1.3	1.3	.7								4.0	7.2
VARBL													
CALM												1.3	
	8.0	31.3	39.3	18.7	1.3							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEAR

NOV
MONTH

19
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	.7	2.0								4.0	9.7
NNE	.7	4.0	4.7	2.0								11.3	7.2
NE	3.3	2.7	1.3	2.7								10.0	6.9
ENE	4.7	5.3	2.0									12.0	4.3
E	2.0	2.7										4.7	4.3
ESE	5.3	4.7	1.3									11.3	3.9
SE	2.0	6.7	2.0									10.7	5.0
SSE	.7	.7	1.3	.7								3.3	7.0
S	1.3	.7	.7									2.7	4.5
SSW	.7	.7										1.3	3.5
SW	.7	.7										1.3	4.5
WSW	1.3	1.3	2.0									4.7	5.9
W	1.3	3.3	1.3									6.0	5.1
WNW	2.0	2.0										4.0	3.8
NW	1.3	1.3	1.3	1.3								5.3	7.3
NNW	1.3	.7		.7	.7							3.3	7.8
VARBL													
CALM												4.0	
	26.7	38.7	18.7	9.3	.7							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.0	2.7	1.3	.7							8.0	8.0
NNE	1.3	5.3	5.3	1.3								13.3	7.0
NE	2.0	2.0	1.3	.7								6.0	5.7
ENE	2.0			.7	.7							3.3	7.2
E	3.3											3.3	1.6
ESE	2.7	2.0										4.7	3.1
SE		1.3	1.3									2.7	6.0
SSE		2.7	.7									3.3	5.8
S	2.7	6.7	2.7									12.0	5.2
SSW		1.3	.7									2.0	6.0
SW		2.7	1.3									4.0	5.7
WSW	.7	2.0										2.7	4.0
W	1.3	4.0	1.3									6.7	4.8
WNW		2.0		.7								2.7	7.3
NW	1.3	2.0	2.0	.7								6.0	6.4
NNW	2.7	2.7	2.0	.7								8.0	5.2
VARBL													
CALM												11.3	
	21.3	38.7	21.3	6.0	1.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 93837 JACKSONVILLE, FLORIDA STATION NAME YEARS 73-77 MONTH NOV
ALL WEATHER CLASS ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.2	3.1	3.2	.1							11.2	7.9
NNE	1.0	3.3	4.2	1.7	.2							10.3	7.6
NE	1.5	1.7	2.3	2.6	.1							8.2	8.4
ENE	1.7	1.2	.7	.5	.2							4.3	5.7
E	1.3	1.6	.9	.2								4.1	5.5
ESE	1.7	1.8	1.2	.2	.1							5.1	5.4
SE	.7	2.2	.9	.2								4.0	5.4
SSE	.7	1.4	.9	.2								3.2	5.6
S	1.2	3.3	2.5	.2								7.3	5.9
SSW	.7	1.6	.7	.2	.1							3.2	5.5
SW	1.0	1.1	1.2	.3								3.6	6.2
WSW	1.5	1.4	.7	.2								3.8	4.9
W	1.6	2.2	1.1	.5								5.3	5.5
WNW	1.0	1.9	1.2	.7								4.6	6.4
NW	1.7	1.3	1.7	1.0	.2							5.8	7.0
NNW	1.5	2.3	2.2	1.0	.1							7.2	6.8
VARBL													
CALM												8.3	
	20.7	31.7	25.4	13.0	.9							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.6	1.9	.6								7.7	5.8
NNE	1.3	1.9	1.9	1.3	.6							7.1	8.4
NE	1.9	1.3	2.6									5.8	5.7
ENE													
E	1.3			.6								1.9	6.7
ESE	.6											.6	2.0
SE	.6		.6									1.3	6.0
SSE	.6	1.3	1.3									3.2	5.4
S	1.3	1.9	3.9	1.9								9.0	7.6
SSW	.6		1.3									1.9	6.0
SW	3.2	1.9	1.3									6.5	4.1
WSW	5.8	3.9	2.6	.6								12.9	5.0
W	2.6	3.2	.6	.6								7.1	5.1
WNW	1.9	3.9	1.3	.6								7.7	5.3
NW	1.9	1.3	.6									3.9	4.0
NNW	.6	3.2	3.2	1.3	1.3							9.7	9.0
VARBL													
CALM												13.5	
	27.1	26.5	23.2	7.7	1.9							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 93837 JACKSONVILLE, FLORIDA STATION NAME YEARS 73-77 MONTH DEC
CLASS ALL WEATHER HOURS (L.S.T.) 04

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9	3.2	.6								7.1	7.4
NNE	2.6	1.9	1.3	1.9	.6							8.4	8.1
NE	1.3		1.9	.6	.6							4.5	8.7
ENE													
E	.6											.6	3.0
ESE													
SE			.6									.6	10.0
SSE	1.3	1.3		.6								3.2	6.0
S	.6	3.2	3.2	1.3								8.4	7.1
SSW	1.9	1.9										3.9	4.0
SW	.6	1.3										1.9	4.7
WSW	4.5	2.6	1.3	1.3								9.7	5.3
W	1.3	3.9	3.2									8.4	5.9
WNW	1.9	4.5	1.9									8.4	4.8
NW	3.2	1.9	3.2	.6								9.0	6.1
NNW	.6	3.2	3.9	.6								8.4	6.8
VARBL													
CALM												17.4	
	21.9	27.7	23.9	7.7	1.3							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.9	3.2	2.6	.6							11.6	8.3
NNE	1.9	.6	3.2	1.9	.6							8.4	8.8
NE	.6		.6	1.9								3.2	8.8
ENE	.6	.6										1.3	2.5
E													
ESE	1.3											1.3	2.0
SE		.6										.6	5.0
SSE	1.3		1.3									2.6	5.8
S	.6	3.2	3.9	.6								8.4	6.8
SSW	2.6	2.6										5.2	3.5
SW	.6	.6	.6									1.9	5.3
WSW	2.6	2.6	1.9									7.1	5.1
W	3.9	5.2	1.3	1.3								11.6	5.2
WNW	.6	2.6	1.3	.6								5.2	6.0
NW	1.3	3.2	1.9	.6								7.1	6.3
NNW	2.6	3.9	2.6	.6								9.7	6.2
VARBL													
CALM												14.8	
	21.9	29.7	21.9	10.3	1.3							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	6.5	5.8	1.3								14.8	6.9
NNE	3.2	4.5	3.2	2.6								13.5	7.0
NE		1.3	1.3	.6								3.9	10.2
ENE	.6											.6	2.0
E			.6									.6	7.0
ESE	1.3		.6									1.9	3.7
SE	.6	.6	.6									1.9	5.3
SSE	.6	1.9		.6								3.2	6.2
S	.6	1.9	5.8									8.4	7.4
SSW	.6	1.3	2.6									4.5	6.7
SW	.6	1.3	.6									2.6	5.5
WSW	.6	3.2	.6	1.3								5.6	6.3
W	1.3	1.3	.6									3.2	4.8
WNW	1.3	1.3	2.6	.6								5.8	6.9
NW	.6	.6	3.9	5.2								9.7	10.3
NNW	1.3	3.9	5.8									11.0	6.5
VARBL													
CALM												5.4	
	14.2	29.7	34.8	12.3	.6							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

155

12290 0427

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.9	3.9	1.3								11.6	6.0
NNE	1.9	3.9	3.9	1.9								11.6	7.0
NE	.6	3.2	1.9									5.8	5.7
ENE		.6	1.9	.6								3.2	8.2
E	.6	2.6	.6	1.3								5.2	7.0
ESE	.6		1.3	1.9								3.9	9.3
SE	1.9		.6									2.6	3.5
SSE		1.9	1.3	1.3								4.5	8.1
S		5.2	4.5	2.6								12.3	7.9
SSW	.6	1.3	.6									2.6	5.8
SW		.6	1.3	3.2								5.2	10.1
WSW			2.6	.6	.6							3.9	10.8
W		1.3	2.6	3.2								7.1	9.6
WNW		1.3	3.9	1.3	.6							7.1	9.1
NW	.6	3.2	2.6	1.3								7.7	7.6
NNW	1.3	1.3	.6	1.3								4.5	7.7
VARBL													
CALM												1.3	
	11.0	30.3	34.2	21.9	1.3							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	.6	.6								3.2	6.0
NNE	2.6	3.9	1.3	.6								8.4	5.2
NE	.6	1.9	4.5	1.3	.6							9.0	8.4
ENE			2.6	1.9								4.5	10.0
E	2.6	3.2	.6									6.5	4.2
ESE	1.9	2.6	1.9									6.5	5.2
SE	1.3	3.2	1.9	.6								7.1	5.8
SSE		2.6	.6									3.2	5.2
S		5.2	2.6									7.7	6.4
SSW	.6	.6	2.6	.6								3.9	9.0
SW	.6	1.3	1.9	.6	.6							5.2	8.6
WSW			.6	1.9								3.2	9.2
W		5.2	3.2	3.2	.6							12.3	8.6
WNW		2.6	1.9	1.9	.6							7.1	8.8
NW		1.3	2.6	2.6	.6							7.1	10.1
NNW		1.9		1.3								3.2	7.6
VARBL													
CALM												1.9	
	11.0	36.8	29.7	17.4	3.2							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.6	1.3	.6		.6						7.7	6.7
NNE	.6	1.3	2.6	.6								5.2	7.6
NE	1.9	3.9	2.6	1.9								10.3	7.2
ENE	.6	1.3	.6									2.6	4.8
E	5.8	.6										6.5	2.7
ESE	3.9	1.9	.6									6.5	3.5
SE	2.6	1.3	1.9									5.8	4.8
SSE		.6	.6	.6								1.9	9.0
S	2.6	1.3	1.9	.6								6.5	5.4
SSW	.6	1.9	1.3									3.9	5.8
SW	1.3	2.6	1.9		.6							6.5	7.2
WSW	1.3	4.5	.6	.6								7.1	5.0
W	3.2	4.5		.6								8.4	4.3
WNW	3.2	3.9	.6									7.7	4.3
NW	.6	3.2	.6	.6								5.2	6.4
NNW		.6	1.3	1.3								3.2	9.6
VARBL													
CALM												5.2	
	31.0	36.1	18.7	7.7	.6	.6						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93837

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

DEC

MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.6	3.9	1.9								9.7	8.0
NNE	2.6	2.6	2.6	.6								8.4	6.2
NE	1.3	1.3	1.9	.6								3.9	8.3
ENE	.6	.6		.6								1.9	6.3
E	.6	.6										1.3	3.0
ESE	.6											.6	3.0
SE	2.6		.6									3.2	3.4
SSE		1.9	.6	.6	.6							3.9	9.7
S	3.2	4.5	1.9	.6								10.3	5.6
SSW		.6	.6	.6								1.9	8.3
SW	1.9	1.3	2.6	.6								6.5	6.7
WSW	2.6	4.5	1.9	.6								9.7	5.1
W	1.3	3.2	1.9	.6								6.5	5.8
WNW	1.3	3.9	1.9	.6								7.7	5.7
NW	.6		3.2	1.3								5.2	7.9
NNW	.6	1.9	.6	1.3								4.5	7.3
VARBL													
CALM												14.8	
	20.0	29.7	23.9	11.0	.6							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.1	3.0	1.2	.1	.1						9.2	7.0
NNE	2.1	2.6	2.5	1.5	.2							8.9	7.2
NE	.9	1.6	2.2	.9	.2							5.8	7.7
ENE	.3	.4	.6	.4								1.8	7.1
E	1.5	.9	.2	.2								2.8	4.6
ESE	1.3	.6	.6	.2								2.7	4.9
SE	1.2	.7	.9	.1								2.9	5.0
SSE	.5	1.5	.7	.5	.1							3.2	7.0
S	1.1	3.3	3.5	1.0								8.9	6.9
SSW	.9	1.3	1.1	.2								3.5	5.9
SW	1.1	1.4	1.3	.6	.2							4.5	6.8
WSW	2.3	2.7	1.5	.9	.1							7.4	5.8
W	1.7	3.5	1.6	1.2	.1							8.1	6.4
WNW	1.3	3.0	1.9	.7	.2							7.1	6.3
NW	1.0	1.9	2.3	1.5	.1							6.9	7.6
NNW	.9	2.5	2.3	1.0	.2							6.8	7.4
VARBL												9.7	
CALM												100.0	6.0
	19.8	30.8	26.3	12.0	1.4	.1							

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2	2.1	1.5	.1	.0						7.0	7.5
NNE	1.3	2.1	2.1	1.3	.1							6.9	7.3
NE	.9	1.7	1.9	1.0	.1	.0						5.7	7.5
ENE	1.0	1.8	1.3	.5	.0	.0						4.7	6.3
E	1.7	2.5	2.3	.6	.0	.0						7.1	6.1
ESE	1.5	2.3	1.6	.4	.0							5.8	5.7
SE	1.0	2.1	1.6	.3	.0							5.1	6.1
SSE	.7	2.3	2.2	.4	.1							5.7	6.6
S	1.2	3.3	3.2	1.0	.0	.0						8.8	6.8
SSW	1.0	2.1	1.4	.5	.0	.0						5.1	6.2
SW	1.4	1.7	1.5	.7	.1		.0					5.4	6.4
WSW	2.2	2.6	1.5	.6	.1	.0						7.0	5.6
W	2.2	2.9	1.4	.6	.0							7.1	5.5
WNW	1.0	1.5	1.1	.5	.0							4.2	6.3
NW	1.0	1.1	1.3	.5	.0							3.9	6.5
NNW	.5	1.4	1.4	.7	.0							4.3	6.9
VARBL													
CALM												6.2	
	20.2	33.6	27.9	11.2	.9	.1	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

14608

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 93837 JACKSONVILLE, FLORIDA STATION NAME YEARS 73-77 MONTH ALL

INSTRUMENT CLASS ALL

CONDITION HOURS (L.S.T.)

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	4.4	4.5	4.9								15.4	8.3
NNE	1.2	3.2	5.7	3.4	.3							13.8	8.7
NE	.7	2.1	3.5	2.1	.3	.1						8.8	8.9
ENE	.5	1.0	.9	.4								2.3	6.9
E	1.2	1.3	.4	.3								3.3	5.2
ESE	.2	.5	.4	.2								1.4	7.1
SE	.4	.5	.7	.2								1.9	6.1
SSE	.3	1.1	1.0	.5								3.0	7.4
S	.5	2.0	3.2	.8								6.5	7.2
SSW	.5	1.9	1.9	.4	.1							4.8	7.0
SW	.9	1.3	1.9	.8			.1					4.9	7.4
WSW	1.1	1.8	1.1	.4								4.4	5.8
W	2.6	1.9	1.2	.3	.1							6.1	5.1
WNW	1.3	1.0	1.2	.5								4.1	5.9
NW	.9	1.6	1.8	.9								5.1	7.1
NNW	1.3	2.3	2.2	1.2								7.0	7.0
VARBL													
CALM												6.7	
	15.4	27.8	31.4	17.5	.9	.1	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 913

CEILING - VISIBILITY

NWSD, Federal Building
Asheville, N. C.

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING													≥ 0
≥ 1800													
≥ 1500					91.0								92.6
≥ 1200													
≥ 1000													
≥ 900													
≥ 800													
≥ 700													
≥ 600													
≥ 500										97.4			98.1
≥ 400													
≥ 300													
≥ 200													
≥ 100													
0					95.4		96.9			98.3			100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:

Visibility ≥ 3 miles = 95.4%.

Visibility ≥ 2 miles = 96.9%.

Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with > 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with > 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION
93837

STATION NAME
JACKSONVILLE, FLORIDA

YEARS
73-77

MONTH
JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)
01

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	6.5	51.0	51.0	51.0	51.0	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	6.5	56.1	56.1	56.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	5.5	56.1	56.1	56.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	6.5	56.1	56.1	56.1	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	6.5	56.8	56.8	56.8	57.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	6.5	58.1	58.1	58.1	59.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	7.1	61.9	61.9	62.6	63.2	64.5	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2
≥ 9000	7.1	61.9	61.9	62.6	63.2	64.5	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2
≥ 8000	7.1	66.5	66.5	67.1	67.7	69.0	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7
≥ 7000	7.1	67.1	67.1	67.7	68.4	69.7	69.7	69.7	69.7	70.3	70.3	70.3	70.3	70.3
≥ 6000	7.1	67.7	67.7	68.4	69.0	70.3	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0
≥ 5000	7.1	67.7	67.7	68.4	69.0	70.3	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0
≥ 4500	7.1	68.4	68.4	69.0	69.7	71.0	71.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6
≥ 4000	7.1	71.0	71.0	71.6	72.3	73.6	74.2	74.2	74.2	74.8	74.8	74.8	74.8	74.8
≥ 3500	7.1	71.0	71.0	71.6	72.3	73.6	74.2	74.2	74.2	74.8	74.8	74.8	74.8	74.8
≥ 3000	7.1	72.3	72.3	74.2	74.8	76.1	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4
≥ 2500	7.1	74.2	74.2	76.1	76.8	78.1	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4
≥ 2000	7.1	74.2	74.2	76.1	76.8	78.1	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4
≥ 1800	7.1	74.2	74.2	76.1	76.8	78.1	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4
≥ 1500	7.7	76.8	76.8	78.7	79.4	80.7	81.3	81.3	81.3	81.9	81.9	81.9	81.9	81.9
≥ 1200	7.7	76.8	76.8	78.7	79.4	80.7	81.3	81.3	81.3	81.9	81.9	81.9	81.9	81.9
≥ 1000	7.7	77.4	77.4	80.0	80.7	81.9	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2
≥ 900	7.7	77.4	77.4	80.0	80.7	81.9	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2
≥ 800	7.7	78.1	78.1	80.7	81.9	83.2	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5
≥ 700	7.7	78.7	78.7	81.3	82.6	83.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2
≥ 600	7.7	80.7	80.7	83.2	84.5	85.8	86.5	86.5	86.5	87.1	87.1	87.1	87.1	87.1
≥ 500	7.7	82.6	82.6	85.2	86.5	87.7	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0
≥ 400	7.7	83.9	83.9	86.5	87.7	89.0	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3
≥ 300	7.7	84.5	84.5	87.1	88.4	89.7	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0
≥ 200	7.7	84.5	84.5	87.1	88.4	89.7	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0
≥ 100	7.7	84.5	84.5	87.7	89.0	90.3	91.0	91.0	91.0	92.9	93.6	93.6	93.6	93.6
0	7.7	84.5	84.5	87.7	89.0	90.3	91.0	91.0	91.0	92.9	93.6	93.6	93.6	93.6

TOTAL NUMBER OF OBSERVATIONS

155

1225 54322

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837 STATION

JACKSONVILLE, FLORIDA

73-77

YEARS

JAN NORTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16
NO CEILING	3.9	49.0	50.3	51.0	51.6	52.3	52.9	52.9	52.9	52.9	52.9
≥ 20000	4.5	54.2	55.5	56.1	56.8	57.4	58.1	58.1	58.1	58.1	58.1
≥ 18000	4.5	54.2	55.5	56.1	56.8	57.4	58.1	58.1	58.1	58.1	58.1
≥ 16000	4.5	54.2	55.5	56.1	56.8	57.4	58.1	58.1	58.1	58.1	58.1
≥ 14000	4.5	54.8	56.1	56.8	57.4	58.1	58.7	58.7	58.7	58.7	58.7
≥ 12000	4.5	54.8	56.1	56.8	57.4	58.1	58.7	58.7	58.7	58.7	58.7
≥ 10000	4.5	57.4	60.0	60.7	61.3	61.9	62.6	62.6	62.6	62.6	62.6
≥ 9000	4.5	57.4	60.0	60.7	61.3	61.9	62.6	62.6	62.6	62.6	62.6
≥ 8000	4.5	61.3	63.9	64.5	65.2	65.8	66.5	66.5	66.5	66.5	66.5
≥ 7000	4.5	61.9	64.5	65.2	65.8	66.5	67.1	67.1	67.1	67.1	67.1
≥ 6000	4.5	61.9	64.5	65.2	65.8	66.5	67.1	67.1	67.1	67.1	67.1
≥ 5000	4.5	61.9	64.5	65.2	65.8	66.5	67.1	67.1	67.1	67.1	67.1
≥ 4500	4.5	62.6	65.2	65.8	66.5	67.1	67.7	67.7	67.7	67.7	67.7
≥ 4000	4.5	66.5	69.0	69.7	70.3	71.0	71.6	71.6	71.6	71.6	71.6
≥ 3500	5.2	67.7	70.3	71.0	71.6	72.3	72.9	72.9	72.9	72.9	72.9
≥ 3000	5.2	70.3	72.9	73.6	74.2	74.8	75.5	75.5	75.5	75.5	75.5
≥ 2500	5.2	71.0	73.6	74.2	74.8	75.5	76.1	76.1	76.1	76.1	76.1
≥ 2000	5.8	72.3	74.8	75.5	76.1	76.8	77.4	77.4	77.4	77.4	77.4
≥ 1800	5.8	72.3	74.8	75.5	76.1	76.8	77.4	77.4	77.4	77.4	77.4
≥ 1500	5.8	73.6	76.1	76.8	77.4	78.1	78.7	78.7	78.7	78.7	78.7
≥ 1200	5.8	73.6	76.1	76.8	77.4	78.1	78.7	78.7	78.7	78.7	78.7
≥ 1000	5.8	74.8	77.4	78.1	78.7	79.4	80.0	80.0	80.0	80.0	80.0
≥ 900	5.8	74.8	77.4	78.1	78.7	79.4	80.0	80.0	80.0	80.0	80.0
≥ 800	5.8	74.8	78.1	78.7	79.4	80.0	80.7	80.7	80.7	80.7	80.7
≥ 700	5.8	76.8	80.0	80.7	81.3	81.9	82.6	82.6	82.6	82.6	82.6
≥ 600	5.8	77.4	80.7	81.3	81.9	82.6	83.2	83.2	83.2	83.2	83.2
≥ 500	5.8	80.7	83.9	84.5	85.2	85.8	86.5	86.5	86.5	86.5	86.5
≥ 400	5.8	81.3	84.5	85.2	85.8	86.5	87.1	87.1	87.1	87.1	87.1
≥ 300	5.8	81.3	85.2	85.8	86.5	87.1	87.7	87.7	87.7	87.7	87.7
≥ 200	5.8	81.3	85.2	85.8	86.5	87.1	87.7	87.7	87.7	87.7	87.7
≥ 100	5.8	81.3	85.2	85.8	86.5	87.1	87.7	87.7	87.7	87.7	87.7
≥ 0	5.8	81.3	85.2	85.8	86.5	87.1	87.7	87.7	87.7	87.7	87.7

155

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93037
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	3.9	32.3	36.1	39.4	40.0	40.0	40.0	41.3	41.3	41.3	41.9	41.9	41.9	41.9
≥ 20000	4.5	40.0	44.5	48.4	49.0	49.0	49.0	50.3	50.3	50.3	51.0	51.0	51.0	51.0
18000	4.5	40.0	44.5	48.4	49.0	49.0	49.0	50.3	50.3	50.3	51.0	51.0	51.0	51.0
16000	4.5	40.0	44.5	48.4	49.0	49.0	49.0	50.3	50.3	50.3	51.0	51.0	51.0	51.0
14000	4.5	40.0	44.5	48.4	49.0	49.0	49.0	50.3	50.3	50.3	51.0	51.0	51.0	51.0
12000	4.5	40.0	44.5	48.4	49.0	49.0	49.0	50.3	50.3	50.3	51.0	51.0	51.0	51.0
10000	4.5	43.2	47.7	51.6	52.3	52.3	52.3	53.6	53.6	53.6	54.2	54.2	54.2	54.2
9000	4.5	43.2	47.7	51.6	52.3	52.3	52.3	53.6	53.6	53.6	54.2	54.2	54.2	54.2
8000	5.2	47.1	52.3	56.8	58.1	58.1	58.1	59.4	59.4	59.4	60.0	60.0	60.0	60.0
7000	5.2	47.7	52.9	57.4	58.7	58.7	58.7	60.0	60.0	60.0	60.7	60.7	60.7	60.7
6000	5.2	49.0	54.2	58.7	60.0	60.0	60.0	61.3	61.3	61.3	61.9	61.9	61.9	61.9
5000	5.2	50.3	55.5	60.0	61.3	61.3	61.3	62.6	62.6	62.6	63.2	63.2	63.2	63.2
4500	5.2	50.3	56.1	60.7	61.9	61.9	61.9	63.2	63.2	63.2	63.9	63.9	63.9	63.9
4000	5.2	52.3	58.7	63.2	64.5	64.5	64.5	65.8	65.8	65.8	66.5	66.5	66.5	66.5
3500	5.2	52.3	59.4	64.5	65.8	65.8	65.8	67.1	67.1	67.1	67.7	67.7	67.7	67.7
3000	5.2	52.9	59.4	64.5	65.8	65.8	65.8	67.1	67.1	67.1	67.7	67.7	67.7	67.7
2500	5.2	54.8	61.3	66.5	67.7	67.7	67.7	69.0	69.0	69.0	69.7	69.7	69.7	69.7
2000	5.2	57.4	63.9	69.0	70.3	70.3	70.3	71.6	71.6	71.6	72.3	72.3	72.3	72.3
1800	5.2	57.4	63.9	69.0	70.3	70.3	70.3	71.6	71.6	71.6	72.3	72.3	72.3	72.3
1500	5.2	59.4	65.8	71.0	72.3	72.3	72.3	73.6	73.6	73.6	74.2	74.2	74.2	74.2
1200	5.2	59.4	65.8	71.0	72.3	72.3	72.3	73.6	73.6	73.6	74.2	74.2	74.2	74.2
1000	5.2	61.9	69.0	74.2	75.5	75.5	75.5	76.8	76.8	76.8	77.4	77.4	77.4	77.4
900	5.2	62.6	69.7	74.8	76.1	76.1	76.1	77.4	77.4	77.4	78.1	78.1	78.1	78.1
800	5.2	63.9	71.0	76.1	77.4	77.4	77.4	78.7	78.7	78.7	79.4	79.4	79.4	79.4
700	5.2	65.2	72.3	77.4	78.7	78.7	78.7	80.0	80.0	80.0	80.7	80.7	80.7	80.7
600	5.2	66.5	74.2	80.0	81.3	81.3	81.3	82.6	82.6	82.6	83.2	83.2	83.2	83.2
500	5.2	67.1	74.8	80.7	81.9	81.9	81.9	83.2	83.2	83.2	83.9	83.9	83.9	83.9
400	5.2	67.7	76.1	82.6	83.9	83.9	83.9	85.2	85.2	85.2	85.8	85.8	85.8	85.8
300	5.2	67.7	76.1	83.2	84.5	84.5	84.5	85.2	85.2	85.2	85.8	85.8	85.8	85.8
200	5.2	67.7	76.1	83.2	84.5	84.5	84.5	85.2	85.2	85.2	85.8	85.8	85.8	85.8
100	5.2	67.7	76.1	83.2	84.5	84.5	84.5	85.2	85.2	85.2	85.8	85.8	85.8	85.8
0	5.2	67.7	76.1	83.2	84.5	84.5	84.5	85.2	85.2	85.2	85.8	85.8	85.8	85.8

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	5.8	34.8	39.4	41.3	41.9	41.9	42.6	42.6	42.6	43.2	43.9	43.9	43.9
≥ 20000	5.8	41.3	46.5	48.4	49.0	49.0	49.7	49.7	49.7	50.3	51.0	51.0	51.0
≥ 18000	5.8	41.3	46.5	48.4	49.0	49.0	49.7	49.7	49.7	50.3	51.0	51.0	51.0
≥ 16000	5.8	41.3	46.5	48.4	49.0	49.0	49.7	49.7	49.7	50.3	51.0	51.0	51.0
≥ 14000	5.8	41.3	46.5	48.4	49.0	49.0	49.7	49.7	49.7	50.3	51.0	51.0	51.0
≥ 12000	5.8	41.3	46.5	48.4	49.0	49.0	49.7	49.7	49.7	50.3	51.0	51.0	51.0
≥ 10000	7.1	48.4	53.6	55.5	56.8	56.8	57.4	57.4	57.4	58.1	58.7	58.7	58.7
≥ 9000	7.1	48.4	53.6	55.5	56.8	56.8	57.4	57.4	57.4	58.1	58.7	58.7	58.7
≥ 8000	7.1	51.0	56.1	58.1	59.4	59.4	60.0	60.0	60.0	60.7	61.3	61.3	61.3
≥ 7000	7.1	51.0	56.1	58.1	59.4	59.4	60.0	60.0	60.0	60.7	61.3	61.3	61.3
≥ 6000	7.1	52.3	57.4	59.4	60.7	60.7	61.3	61.3	61.3	61.9	62.6	62.6	62.6
≥ 5000	7.1	53.6	58.7	60.7	61.9	61.9	62.6	62.6	62.6	63.2	63.9	63.9	63.9
≥ 4500	7.1	53.6	58.7	61.3	62.6	62.6	63.2	63.2	63.2	63.9	64.5	64.5	64.5
≥ 4000	7.1	54.2	59.4	61.9	63.2	63.2	63.9	63.9	63.9	64.5	65.2	65.2	65.2
≥ 3500	7.1	54.2	59.4	61.9	63.2	63.2	63.9	63.9	63.9	64.5	65.2	65.2	65.2
≥ 3000	7.1	55.5	60.7	63.2	64.5	64.5	65.2	65.2	65.2	65.8	66.5	66.5	66.5
≥ 2500	7.1	56.1	61.3	63.9	65.2	65.2	65.8	65.8	65.8	66.5	67.1	67.1	67.1
≥ 2000	7.1	58.7	64.5	67.1	68.4	68.4	69.7	69.7	69.7	70.3	71.0	71.0	71.0
≥ 1800	7.1	59.4	65.2	67.7	69.0	69.0	70.3	70.3	70.3	71.0	71.6	71.6	71.6
≥ 1500	7.1	60.0	65.8	68.4	70.3	70.3	71.0	71.0	71.0	71.6	72.9	72.9	72.9
≥ 1200	7.1	61.9	68.4	71.0	72.9	72.9	74.2	74.2	74.2	74.8	75.5	75.5	75.5
≥ 1000	7.1	63.9	70.3	73.6	76.1	76.1	77.4	77.4	77.4	78.1	78.7	78.7	78.7
≥ 900	7.1	63.9	70.3	73.6	76.1	76.1	77.4	77.4	77.4	78.1	78.7	78.7	78.7
≥ 800	7.1	65.2	72.9	75.5	78.1	78.1	79.4	79.4	79.4	80.0	80.7	80.7	80.7
≥ 700	7.1	65.8	74.2	77.4	80.7	80.7	82.6	82.6	82.6	83.2	83.9	83.9	83.9
≥ 600	7.1	66.5	74.8	78.7	81.9	81.9	83.9	83.9	83.9	84.5	85.2	85.2	85.2
≥ 500	7.1	66.5	74.8	80.0	83.9	83.9	86.5	86.5	86.5	87.1	87.7	87.7	87.7
≥ 400	7.1	66.5	74.8	80.0	83.9	83.9	86.5	86.5	86.5	87.1	87.7	87.7	87.7
≥ 300	7.1	66.5	74.8	80.0	83.9	83.9	87.7	87.7	87.7	88.4	89.0	89.0	89.0
≥ 200	7.1	66.5	74.8	80.0	83.9	83.9	89.0	89.0	89.0	91.0	91.6	91.6	91.6
≥ 100	7.1	66.5	74.8	80.0	83.9	83.9	89.0	89.0	89.0	92.9	93.6	93.6	93.6
0	7.1	66.5	74.8	80.0	83.9	83.9	89.0	89.0	89.0	92.9	93.6	93.6	93.6

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVY WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

JAN
MONTH
13
HOURS (L.S.T.)

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	11.6	46.5	47.1	47.1	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	12.3	60.0	61.3	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	12.3	60.0	61.3	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 16000	12.3	60.0	61.3	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	12.3	60.0	61.3	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	12.3	60.7	61.9	61.9	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 10000	12.9	66.5	67.7	67.7	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000	12.9	66.5	67.7	67.7	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	12.9	71.0	72.9	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	12.9	71.0	72.9	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	12.9	71.6	73.6	74.2	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	12.9	72.9	74.8	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4500	12.9	72.9	74.8	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	12.9	74.2	76.1	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	12.9	74.8	76.8	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	12.9	75.5	77.4	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500	12.9	77.4	80.0	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	13.6	81.9	84.5	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	13.6	81.9	84.5	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	13.6	83.9	87.1	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1200	13.6	85.2	88.4	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	13.6	85.8	89.7	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900	13.6	85.8	89.7	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	13.6	85.8	89.7	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 700	13.6	85.8	89.7	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 600	13.6	85.8	89.7	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 500	13.6	85.8	89.7	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 400	13.6	85.8	89.7	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 300	13.6	85.8	89.7	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 200	13.6	85.8	89.7	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 100	13.6	85.8	89.7	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 0	13.6	85.8	89.7	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

JAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)16
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16
NO CEILING	14.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	14.8	64.5	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 18000	14.8	64.5	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 16000	14.8	64.5	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 14000	14.8	64.5	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	14.8	66.5	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	14.8	70.3	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	14.8	70.3	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	14.8	72.3	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	14.8	72.9	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	14.8	74.2	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	14.8	74.8	76.1	76.1	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500	14.8	74.8	76.1	76.1	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	14.8	77.4	78.7	78.7	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	14.8	80.0	81.3	81.3	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	14.8	81.3	82.6	82.6	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	14.8	84.5	85.8	85.8	86.5	86.5	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	14.8	87.1	88.4	88.4	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	14.8	87.1	88.4	88.4	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	14.8	88.4	89.7	89.7	90.3	90.3	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	14.8	89.0	91.0	91.6	92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	14.8	90.3	92.3	92.9	93.6	93.6	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	14.8	91.0	92.9	93.6	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	14.8	91.6	93.6	94.2	94.8	94.8	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	14.8	91.6	93.6	94.2	94.8	94.8	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	14.8	91.6	93.6	94.8	95.5	95.5	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	14.8	91.6	93.6	94.8	96.8	96.8	98.1	98.1	98.7	98.7	98.7	98.7
≥ 400	14.8	91.6	93.6	94.8	96.8	96.8	98.1	98.7	99.4	99.4	99.4	99.4
≥ 300	14.8	91.6	93.6	94.8	96.8	96.8	98.1	99.4	100.0	100.0	100.0	100.0
≥ 200	14.8	91.6	93.6	94.8	96.8	96.8	98.1	99.4	100.0	100.0	100.0	100.0
≥ 100	14.8	91.6	93.6	94.8	96.8	96.8	98.1	99.4	100.0	100.0	100.0	100.0
0	14.8	91.6	93.6	94.8	96.8	96.8	98.1	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

125

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION
93837

STATION NAME
JACKSONVILLE, FLORIDA

73-77

YEARS

MONTH
JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)
19

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	6.5	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	7.1	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000	7.1	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	7.1	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	7.1	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	7.1	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	7.1	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	7.1	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	7.7	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	7.7	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	7.7	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	7.7	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4500	7.7	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	7.7	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	7.7	81.3	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	7.7	83.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	7.7	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	7.7	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800	7.7	86.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500	7.7	88.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200	7.7	89.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	7.7	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	7.7	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	7.7	91.0	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	7.7	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	7.7	94.2	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	7.7	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	7.7	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	7.7	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	7.7	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	7.7	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	7.7	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

12

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	5.8	55.5	56.1	56.8	56.8	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	6.5	62.6	63.2	63.9	63.9	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000	6.5	62.6	63.2	63.9	63.9	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000	6.5	62.6	63.2	63.9	63.9	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	6.5	62.6	63.2	63.9	63.9	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000	6.5	63.9	64.5	65.2	65.2	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	7.1	69.0	69.7	70.3	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0
≥ 9000	7.1	69.0	69.7	70.3	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0
≥ 8000	7.1	73.6	74.2	74.8	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5
≥ 7000	7.1	74.2	74.8	75.5	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	7.1	75.5	76.1	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	7.1	75.5	76.1	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500	7.1	76.8	77.4	78.1	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000	7.1	78.7	79.4	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500	7.1	80.0	80.7	81.3	81.3	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	7.1	81.3	81.9	82.6	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	7.1	82.6	83.2	83.9	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	7.1	83.9	84.5	85.2	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	7.1	83.9	84.5	85.2	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	7.1	83.9	84.5	85.2	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	7.1	84.5	85.2	85.8	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1000	7.7	87.1	87.7	88.4	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7
≥ 900	7.7	87.1	87.7	88.4	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	7.7	88.4	89.0	90.3	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700	7.7	89.7	90.3	91.6	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3
≥ 600	7.7	91.0	91.6	92.9	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500	7.7	91.6	92.3	93.6	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	7.7	91.6	92.3	93.6	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2
≥ 300	7.7	91.6	92.3	94.2	94.2	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5
≥ 200	7.7	91.6	92.3	94.2	94.2	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5
≥ 100	7.7	91.6	92.3	94.2	94.2	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5
0	7.7	91.6	92.3	94.2	94.2	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

JAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	7.3	46.9	44.3	49.2	49.5	49.8	50.0	50.2	50.2	50.3	50.5	50.5	50.5	50.7
≥ 20000	7.7	55.4	57.1	58.1	58.5	58.7	59.0	59.2	59.2	59.3	59.4	59.4	59.4	59.7
≥ 18000	7.7	55.4	57.1	58.1	58.5	58.7	59.0	59.2	59.2	59.3	59.4	59.4	59.4	59.7
≥ 16000	7.7	55.4	57.1	58.1	58.5	58.7	59.0	59.2	59.2	59.3	59.4	59.4	59.4	59.7
≥ 14000	7.7	55.6	57.3	58.2	58.6	58.9	59.1	59.4	59.4	59.4	59.6	59.6	59.6	59.8
≥ 12000	7.7	56.6	58.3	59.4	59.8	60.0	60.2	60.5	60.5	60.6	60.7	60.7	60.7	61.0
≥ 10000	8.2	61.1	62.9	64.0	64.4	64.7	64.9	65.2	65.2	65.3	65.5	65.5	65.5	65.7
≥ 9000	8.2	61.1	62.9	64.0	64.4	64.7	64.9	65.2	65.2	65.3	65.5	65.5	65.5	65.7
≥ 8000	8.3	64.8	66.9	68.1	68.6	68.9	69.1	69.4	69.4	69.5	69.7	69.8	69.8	70.0
≥ 7000	8.3	65.2	67.3	68.6	69.1	69.4	69.6	69.8	69.8	70.0	70.2	70.2	70.2	70.5
≥ 6000	8.3	66.0	68.1	69.3	69.8	70.1	70.3	70.6	70.6	70.7	70.9	71.0	71.0	71.2
≥ 5000	8.3	66.5	68.6	69.8	70.4	70.7	71.0	71.3	71.3	71.5	71.6	71.7	71.7	71.9
≥ 4500	8.3	66.7	68.9	70.2	70.7	71.0	71.4	71.6	71.6	71.8	71.9	72.0	72.0	72.3
≥ 4000	8.3	69.1	71.5	72.7	73.3	73.6	74.0	74.2	74.2	74.4	74.5	74.6	74.6	74.8
≥ 3500	8.4	70.2	72.0	74.0	74.5	74.8	75.2	75.4	75.4	75.6	75.7	75.8	75.8	76.1
≥ 3000	8.4	71.6	74.0	75.5	76.1	76.3	76.7	76.9	76.9	77.1	77.3	77.3	77.3	77.6
≥ 2500	8.4	73.2	75.7	77.2	77.7	78.0	78.5	78.7	78.7	78.9	79.0	79.1	79.1	79.4
≥ 2000	8.6	75.2	77.7	79.3	79.8	80.1	80.7	80.9	80.9	81.1	81.2	81.3	81.3	81.5
≥ 1800	8.6	75.3	77.8	79.4	80.0	80.2	80.8	81.1	81.1	81.2	81.4	81.5	81.5	81.7
≥ 1500	8.6	76.8	79.4	81.0	81.6	81.9	82.4	82.7	82.7	82.8	83.0	83.1	83.1	83.3
≥ 1200	8.6	77.5	80.2	81.9	82.6	82.9	83.5	83.7	83.7	83.9	84.0	84.1	84.1	84.4
≥ 1000	8.7	79.0	81.9	83.9	84.6	84.9	85.5	85.7	85.7	85.9	86.1	86.1	86.1	86.4
≥ 900	8.7	79.1	82.1	84.0	84.8	85.1	85.7	85.9	85.9	86.1	86.2	86.3	86.3	86.5
≥ 800	8.7	79.8	83.0	84.9	85.8	86.1	86.7	86.9	86.9	87.1	87.3	87.3	87.3	87.6
≥ 700	8.7	80.9	84.2	86.1	87.1	87.5	88.1	88.3	88.3	88.5	88.6	88.7	88.7	89.0
≥ 600	8.7	81.7	85.1	87.3	88.4	88.9	89.4	89.7	89.7	89.8	90.0	90.1	90.1	90.3
≥ 500	8.7	82.7	86.1	88.5	89.9	90.4	91.1	91.4	91.5	91.6	91.8	91.9	91.9	92.2
≥ 400	8.7	83.0	86.5	89.0	90.6	91.1	91.7	92.3	92.4	92.7	92.9	93.1	93.1	93.3
≥ 300	8.7	83.1	86.6	89.3	91.1	91.6	92.6	93.3	93.6	94.1	94.4	94.5	94.5	94.8
≥ 200	8.7	83.1	86.6	89.5	91.1	91.6	92.8	93.6	94.0	94.5	94.9	95.2	95.3	95.7
≥ 100	8.7	83.1	86.6	89.6	91.3	91.8	93.0	93.8	94.1	94.8	95.4	95.9	96.1	96.9
0	8.7	83.1	86.6	89.6	91.3	91.8	93.0	93.8	94.1	94.8	95.4	95.9	96.1	96.9

TOTAL NUMBER OF OBSERVATIONS

1240

2

15130 54231

7225

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837 STATION

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	9.2	66.0	66.7	68.1	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 20000	9.9	70.9	71.6	73.1	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 18000	9.9	70.9	71.6	73.1	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 16000	9.9	70.9	71.6	73.1	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 14000	9.9	70.9	71.6	73.1	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 12000	9.9	71.6	72.3	73.8	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 10000	10.6	75.9	76.6	78.0	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 9000	10.6	75.9	76.6	78.0	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 8000	10.6	81.6	82.3	84.4	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 7000	10.6	81.6	82.3	84.4	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000	10.6	81.6	82.3	84.4	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 5000	10.6	82.3	83.0	85.1	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4500	10.6	82.3	83.0	85.1	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000	10.6	84.4	85.1	87.2	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	10.6	84.4	85.1	87.2	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000	10.6	85.8	86.5	88.7	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	10.6	85.8	86.5	88.7	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	10.6	88.7	89.4	92.2	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	10.6	89.4	90.1	92.9	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	10.6	90.8	91.5	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	10.6	90.8	91.5	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	10.6	90.8	91.5	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	10.6	90.8	91.5	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	10.6	90.8	92.2	95.0	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	10.6	91.5	92.9	95.7	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	10.6	91.5	92.9	95.7	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	10.6	91.5	92.9	95.7	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	10.6	92.2	93.6	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	10.6	92.2	93.6	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 200	10.6	92.2	93.6	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 100	10.6	92.2	93.6	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
0	10.6	92.2	93.6	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

FEH
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	5.7	56.0	59.6	62.4	62.4	62.4	63.1	63.1	63.8	63.8	63.8	64.5	64.5	64.5
≥ 20000	5.7	60.3	63.8	66.7	66.7	66.7	67.4	67.4	68.1	68.1	68.1	68.8	68.8	68.8
≥ 18000	5.7	60.3	63.8	66.7	66.7	66.7	67.4	67.4	68.1	68.1	68.1	68.8	68.8	68.8
≥ 16000	5.7	60.3	63.8	66.7	66.7	66.7	67.4	67.4	68.1	68.1	68.1	68.8	68.8	68.8
≥ 14000	5.7	60.3	63.8	66.7	66.7	66.7	67.4	67.4	68.1	68.1	68.1	68.8	68.8	68.8
≥ 12000	5.7	61.7	65.3	68.1	68.1	68.1	68.8	68.8	69.5	69.5	69.5	70.2	70.2	70.2
≥ 10000	6.4	66.0	69.5	72.3	72.3	72.3	73.1	73.1	73.8	73.8	73.8	74.5	74.5	74.5
≥ 9000	6.4	66.7	70.2	73.1	73.1	73.1	73.8	73.8	74.5	74.5	74.5	75.2	75.2	75.2
≥ 8000	6.4	70.9	74.5	77.3	77.3	77.3	78.0	78.0	78.7	78.7	78.7	79.4	79.4	79.4
≥ 7000	6.4	72.3	75.9	78.7	78.7	78.7	79.4	79.4	80.1	80.1	80.1	80.8	80.8	80.8
≥ 6000	6.4	72.3	75.9	78.7	78.7	78.7	79.4	79.4	80.1	80.1	80.1	80.8	80.8	80.8
≥ 5000	6.4	72.3	75.9	78.7	78.7	78.7	79.4	79.4	80.1	80.1	80.1	80.8	80.8	80.8
≥ 4500	6.4	72.3	75.9	78.7	78.7	78.7	79.4	79.4	80.1	80.1	80.1	80.8	80.8	80.8
≥ 4000	6.4	74.5	78.0	80.9	80.9	80.9	81.6	81.6	82.3	82.3	82.3	83.0	83.0	83.0
≥ 3500	6.4	75.2	78.7	81.6	81.6	81.6	82.3	82.3	83.0	83.0	83.0	83.7	83.7	83.7
≥ 3000	6.4	75.9	80.1	83.0	83.0	83.0	83.7	83.7	84.4	84.4	84.4	85.1	85.1	85.1
≥ 2500	6.4	75.9	80.9	83.7	83.7	83.7	84.4	84.4	85.1	85.1	85.1	85.8	85.8	85.8
≥ 2000	6.4	76.6	81.6	84.4	84.4	84.4	85.1	85.1	85.8	85.8	85.8	86.5	86.5	86.5
≥ 1800	6.4	77.3	82.3	85.1	85.1	85.1	85.8	85.8	86.5	86.5	86.5	87.2	87.2	87.2
≥ 1500	6.4	79.4	84.4	87.2	87.2	87.2	87.9	87.9	88.7	88.7	88.7	89.4	89.4	89.4
≥ 1200	6.4	79.4	84.4	87.2	87.2	87.2	87.9	87.9	88.7	88.7	88.7	89.4	89.4	89.4
≥ 1000	6.4	80.9	85.8	88.7	88.7	88.7	89.4	89.4	90.1	90.1	90.1	90.8	90.8	90.8
≥ 900	6.4	80.9	85.8	88.7	88.7	88.7	89.4	89.4	90.1	90.1	90.1	90.8	90.8	90.8
≥ 800	6.4	81.6	86.5	89.4	89.4	89.4	90.1	90.1	90.8	90.8	90.8	91.5	91.5	91.5
≥ 700	6.4	81.6	86.5	89.4	89.4	89.4	90.1	90.1	90.8	90.8	90.8	91.5	91.5	91.5
≥ 600	6.4	82.3	87.2	90.1	90.1	90.1	90.8	90.8	91.5	91.5	91.5	92.2	92.2	92.2
≥ 500	6.4	82.3	87.2	90.1	90.1	90.1	90.8	90.8	91.5	91.5	91.5	92.2	92.2	92.2
≥ 400	6.4	83.7	88.7	91.5	91.5	91.5	92.2	92.2	92.9	92.9	92.9	93.6	93.6	93.6
≥ 300	6.4	83.7	88.7	92.9	92.9	92.9	93.6	93.6	94.3	94.3	94.3	95.0	95.0	95.0
≥ 200	6.4	83.7	88.7	92.9	92.9	92.9	93.6	93.6	94.3	94.3	94.3	95.0	95.0	95.0
≥ 100	6.4	83.7	89.4	93.6	93.6	93.6	94.3	94.3	95.0	95.0	95.0	95.7	95.7	95.7
≥ 0	6.4	83.7	89.4	93.6	93.6	93.6	94.3	94.3	95.0	95.0	95.0	95.7	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837 STATION

JACKSONVILLE, FLORIDA STATION NAME

73-77

YEARS

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	.7	42.6	45.4	49.7	52.5	53.9	54.6	55.3	55.3	55.3	55.3	55.3	57.5	57.5
≥ 20000	.7	47.5	51.1	55.3	58.9	60.3	61.0	61.7	61.7	61.7	61.7	61.7	63.8	63.8
≥ 18000	.7	47.5	51.1	55.3	58.9	60.3	61.0	61.7	61.7	61.7	61.7	61.7	63.8	63.8
≥ 16000	.7	47.5	51.1	55.3	58.9	60.3	61.0	61.7	61.7	61.7	61.7	61.7	63.8	63.8
≥ 14000	.7	47.5	51.1	55.3	58.9	60.3	61.0	61.7	61.7	61.7	61.7	61.7	63.8	63.8
≥ 12000	.7	47.5	51.1	55.3	58.9	60.3	61.0	61.7	61.7	61.7	61.7	61.7	63.8	63.8
≥ 10000	.7	48.9	53.2	57.5	61.0	62.4	63.1	63.8	63.8	63.8	63.8	63.8	64.5	64.5
≥ 9000	.7	49.7	53.9	58.2	61.7	63.1	63.8	64.5	64.5	64.5	64.5	64.5	66.0	66.0
≥ 8000	.7	55.3	60.3	64.5	68.1	69.5	70.2	70.9	70.9	70.9	70.9	70.9	73.1	73.1
≥ 7000	.7	56.0	61.0	65.3	68.8	70.2	70.9	71.6	71.6	71.6	71.6	71.6	73.8	73.8
≥ 6000	.7	56.0	61.0	65.3	68.8	70.2	70.9	71.6	71.6	71.6	71.6	71.6	73.8	73.8
≥ 5000	.7	56.0	61.0	65.3	68.8	70.2	70.9	71.6	71.6	71.6	71.6	71.6	73.8	73.8
≥ 4500	.7	56.0	61.0	65.3	68.8	70.2	70.9	71.6	71.6	71.6	71.6	71.6	73.8	73.8
≥ 4000	.7	57.5	62.4	66.7	70.2	71.6	72.3	73.1	73.1	73.1	73.1	73.1	75.2	75.2
≥ 3500	.7	58.2	63.1	67.4	70.9	72.3	73.1	73.8	73.8	73.8	73.8	73.8	75.9	75.9
≥ 3000	.7	58.9	63.8	68.1	71.6	73.1	73.8	74.5	74.5	74.5	74.5	74.5	76.6	76.6
≥ 2500	.7	61.7	66.7	70.9	74.5	75.9	76.6	77.3	77.3	77.3	77.3	77.3	79.4	79.4
≥ 2000	.7	61.7	66.7	70.9	74.5	75.9	76.6	77.3	77.3	77.3	77.3	77.3	79.4	79.4
≥ 1800	.7	62.4	67.4	71.6	75.2	76.6	77.3	78.0	78.0	78.0	78.0	78.0	80.1	80.1
≥ 1500	.7	66.0	70.9	73.9	79.4	80.9	81.6	82.3	82.3	82.3	82.3	82.3	84.4	84.4
≥ 1200	.7	67.4	73.1	78.0	81.6	83.0	83.7	84.4	84.4	84.4	84.4	84.4	86.5	86.5
≥ 1000	.7	68.1	73.8	78.7	82.3	83.7	84.4	85.1	85.1	85.1	85.1	85.1	87.2	87.2
≥ 900	.7	68.1	73.8	78.7	82.3	83.7	84.4	85.1	85.1	85.1	85.1	85.1	87.2	87.2
≥ 800	.7	68.8	74.5	79.4	83.0	84.4	85.1	85.8	86.5	86.5	86.5	86.5	88.7	88.7
≥ 700	.7	69.5	75.2	80.1	83.7	85.1	85.8	86.5	87.2	87.2	87.2	87.2	89.4	89.4
≥ 600	.7	69.5	75.2	80.1	83.7	85.1	85.8	86.5	87.2	87.2	87.2	87.2	89.4	89.4
≥ 500	.7	69.5	75.2	80.1	83.7	85.1	85.8	86.5	87.2	87.2	87.2	87.2	89.4	89.4
≥ 400	.7	70.2	75.9	82.3	86.5	87.9	89.4	90.1	90.1	90.1	90.1	90.1	92.2	92.2
≥ 300	.7	70.9	76.6	83.0	87.2	88.7	90.1	90.8	90.8	90.8	90.8	90.8	92.9	92.9
≥ 200	.7	70.9	76.6	83.0	87.2	88.7	90.1	90.8	91.5	92.2	92.9	92.9	95.0	95.0
≥ 100	.7	70.9	76.6	83.0	87.2	88.7	90.1	90.8	91.5	92.2	93.6	93.6	95.7	95.7
≥ 0	.7	70.9	76.6	83.0	87.2	88.7	90.1	90.8	91.5	92.2	93.6	93.6	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	3.6	47.5	51.1	51.8	53.9	55.3	55.3	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	3.6	56.7	60.3	61.0	63.1	64.5	64.5	66.0	66.0	66.0	66.0	66.0	66.0
≥ 18000	3.6	56.7	60.3	61.0	63.1	64.5	64.5	66.0	66.0	66.0	66.0	66.0	66.0
≥ 16000	3.6	56.7	60.3	61.0	63.1	64.5	64.5	66.0	66.0	66.0	66.0	66.0	66.0
≥ 14000	3.6	56.7	60.3	61.0	63.1	64.5	64.5	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	3.6	57.5	61.0	61.7	63.8	65.3	65.3	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000	3.6	58.2	61.7	62.4	64.5	66.0	66.0	67.4	67.4	67.4	67.4	67.4	67.4
≥ 9000	3.6	58.2	61.7	62.4	64.5	66.0	66.0	67.4	67.4	67.4	67.4	67.4	67.4
≥ 8000	3.6	62.4	66.0	66.7	68.8	70.2	70.2	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	3.6	64.5	68.1	68.8	70.9	72.3	72.3	73.8	73.8	73.8	73.8	73.8	73.8
≥ 6000	3.6	65.3	68.8	69.5	71.6	73.1	73.1	74.5	74.5	74.5	74.5	74.5	74.5
≥ 5000	3.6	65.3	68.8	69.5	71.6	73.1	73.1	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4500	3.6	66.0	69.5	70.2	72.3	73.8	73.8	75.2	75.2	75.2	75.2	75.2	75.2
≥ 4000	3.6	68.1	71.6	72.3	74.5	75.9	75.9	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3500	3.6	70.2	73.8	74.5	76.6	78.0	78.0	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	3.6	70.9	74.5	75.2	77.3	78.7	78.7	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2500	3.6	71.6	75.2	77.3	79.4	80.9	80.9	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	3.6	74.5	78.0	80.1	82.3	83.7	83.7	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	3.6	75.9	79.4	81.6	83.7	85.1	85.1	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1500	3.6	78.0	81.6	84.4	86.5	87.9	87.9	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	3.6	78.0	81.6	85.1	87.2	88.7	88.7	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	3.6	80.1	83.7	87.2	89.4	90.8	90.8	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	3.6	80.9	84.4	87.9	90.1	91.5	91.5	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	3.6	81.6	85.1	88.7	90.8	92.2	92.2	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	3.6	81.6	86.5	90.1	92.2	93.6	93.6	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	3.6	81.6	86.5	90.1	92.2	93.6	93.6	95.0	95.0	95.0	95.0	95.0	95.0
≥ 500	3.6	81.6	86.5	90.1	92.2	93.6	93.6	95.0	95.0	95.0	95.0	95.0	95.0
≥ 400	3.6	81.6	86.5	90.8	93.6	95.0	95.0	97.2	97.2	97.2	97.2	97.2	97.2
≥ 300	3.6	81.6	86.5	90.8	93.6	95.0	95.0	97.2	97.2	97.2	97.2	97.2	97.2
≥ 200	3.6	81.6	86.5	90.8	93.6	95.0	95.0	97.2	97.2	97.2	97.2	97.2	97.2
≥ 100	3.6	81.6	86.5	90.8	93.6	95.0	95.0	97.2	97.2	97.2	97.2	97.2	97.2
0	3.6	81.6	86.5	90.8	93.6	95.0	95.0	97.2	97.2	97.2	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS

141



1225 06181

1225

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½
NO CEILING	10.6	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	11.4	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 18000	11.4	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 16000	11.4	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 14000	11.4	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	11.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 10000	11.4	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	11.4	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	11.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	11.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	11.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 5000	11.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4500	11.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4000	11.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 3500	11.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	11.4	80.9	80.9	80.9	80.9	80.9	81.6	81.6	81.6	81.6	81.6
≥ 2500	11.4	84.4	84.4	84.4	84.4	84.4	85.1	85.1	85.1	85.1	85.1
≥ 2000	11.4	89.4	89.4	89.4	89.4	89.4	90.8	90.8	90.8	90.8	90.8
≥ 1800	11.4	90.1	90.1	90.1	90.1	90.1	91.5	91.5	91.5	91.5	91.5
≥ 1500	11.4	90.8	90.8	90.8	90.8	90.8	92.2	92.2	92.2	92.2	92.2
≥ 1200	11.4	92.2	92.2	92.2	92.2	92.2	94.3	94.3	94.3	94.3	94.3
≥ 1000	11.4	92.9	93.6	94.3	95.0	95.0	96.5	96.5	96.5	96.5	96.5
≥ 900	11.4	92.9	93.6	94.3	95.0	95.0	96.5	96.5	96.5	96.5	96.5
≥ 800	11.4	92.9	93.6	95.0	95.7	95.7	97.2	97.2	97.2	97.2	97.2
≥ 700	11.4	92.9	93.6	95.0	95.7	95.7	97.2	97.2	97.2	97.2	97.2
≥ 600	11.4	92.9	93.6	95.7	96.5	96.5	97.9	97.9	97.9	97.9	97.9
≥ 500	11.4	92.9	93.6	95.7	97.2	97.2	98.6	98.6	98.6	98.6	98.6
≥ 400	11.4	92.9	93.6	95.7	97.2	97.2	98.6	98.6	98.6	98.6	98.6
≥ 300	11.4	92.9	93.6	95.7	97.2	97.2	98.6	98.6	98.6	98.6	98.6
≥ 200	11.4	92.9	93.6	95.7	97.2	97.2	98.6	98.6	98.6	98.6	98.6
≥ 100	11.4	92.9	93.6	95.7	97.2	97.2	98.6	98.6	98.6	98.6	98.6
≥ 0	11.4	92.9	93.6	95.7	97.2	97.2	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

141

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837 STATION

JACKSONVILLE, FLORIDA STATION NAME

73-77 YEARS

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	14.9	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	15.6	66.7	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 18000	15.6	66.7	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	15.6	66.7	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000	16.3	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 12000	16.3	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 10000	16.3	70.2	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 9000	16.3	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	16.3	75.9	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 7000	16.3	75.9	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000	16.3	76.6	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	16.3	76.6	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4500	16.3	76.6	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	16.3	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	16.3	80.1	80.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	16.3	83.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500	16.3	89.4	89.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2000	16.3	92.2	92.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	16.3	93.6	93.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	16.3	94.3	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	16.3	94.3	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	16.3	94.3	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	16.3	94.3	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	16.3	94.3	95.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	16.3	94.3	95.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	16.3	94.3	95.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	16.3	94.3	95.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	16.3	95.0	96.5	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	16.3	95.0	96.5	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	16.3	95.0	96.5	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 100	16.3	95.0	96.5	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 0	16.3	95.0	96.5	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837

JACKSONVILLE, FLORIDA

73-77

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	9.9	59.6	59.6	60.3	60.3	60.3	60.3	60.3	60.3	61.0	61.0	61.0
≥ 20000	9.9	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	73.1	73.1	73.1
≥ 18000	9.9	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	73.1	73.1	73.1
≥ 16000	9.9	72.3	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.8	73.8	73.8
≥ 14000	9.9	73.1	73.1	73.8	73.8	73.8	73.8	73.8	73.8	74.5	74.5	74.5
≥ 12000	9.9	74.5	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.9	75.9	75.9
≥ 10000	10.6	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	79.4	79.4	79.4
≥ 9000	10.6	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	79.4	79.4	79.4
≥ 8000	10.6	85.1	85.1	85.8	85.8	85.8	85.8	85.8	85.8	86.5	86.5	86.5
≥ 7000	10.6	85.1	85.1	85.8	85.8	85.8	85.8	85.8	85.8	86.5	86.5	86.5
≥ 6000	10.6	86.5	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.9	87.9	87.9
≥ 5000	10.6	87.2	87.2	87.9	87.9	87.9	87.9	87.9	87.9	88.7	88.7	88.7
≥ 4500	10.6	87.2	87.2	87.9	87.9	87.9	87.9	87.9	87.9	88.7	88.7	88.7
≥ 4000	10.6	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.8	90.8	90.8
≥ 3500	10.6	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.8	90.8	90.8
≥ 3000	10.6	91.5	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.9	92.9	92.9
≥ 2500	10.6	91.5	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.9	92.9	92.9
≥ 2000	10.6	94.3	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.7	95.7	95.7
≥ 1800	10.6	94.3	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.7	95.7	95.7
≥ 1500	10.6	95.0	95.0	95.7	95.7	95.7	95.7	95.7	95.7	96.5	96.5	96.5
≥ 1200	10.6	95.7	95.7	96.5	96.5	96.5	96.5	96.5	96.5	97.2	97.2	97.2
≥ 1000	10.6	95.7	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.9	97.9	97.9
≥ 900	10.6	95.7	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.9	97.9	97.9
≥ 800	10.6	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	98.6	98.6	98.6
≥ 700	10.6	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	98.6	98.6	98.6
≥ 600	10.6	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	98.6	98.6	98.6
≥ 500	10.6	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	98.6	98.6	98.6
≥ 400	10.6	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	98.6	98.6	98.6
≥ 300	10.6	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	98.6	98.6	98.6
≥ 200	10.6	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	98.6	98.6	98.6
≥ 100	10.6	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	98.6	98.6	98.6
0	10.6	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)22
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	10.6	70.9	72.3	73.1	73.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 20000	10.6	74.5	75.9	76.6	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 18000	10.6	74.5	75.9	76.6	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 16000	10.6	74.5	75.9	76.6	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 14000	10.6	75.2	76.6	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 12000	10.6	76.6	78.0	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 10000	11.4	79.4	80.9	81.6	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 9000	11.4	79.4	80.9	81.6	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000	11.4	84.4	85.8	86.5	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 7000	11.4	85.8	87.2	87.9	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 6000	11.4	85.8	87.2	87.9	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 5000	11.4	87.2	88.7	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500	11.4	87.2	88.7	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	11.4	87.2	88.7	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500	11.4	87.2	88.7	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	11.4	89.4	90.8	91.5	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	11.4	89.4	90.8	91.5	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	11.4	91.5	92.9	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	11.4	91.5	92.9	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	11.4	93.6	95.0	95.7	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	11.4	93.6	95.0	95.7	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	11.4	94.3	95.7	96.5	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	11.4	94.3	96.5	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	11.4	94.3	96.5	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	11.4	94.3	96.5	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	11.4	94.3	96.5	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	11.4	94.3	96.5	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	11.4	94.3	96.5	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	11.4	94.3	96.5	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	11.4	94.3	96.5	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	11.4	94.3	96.5	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
0	11.4	94.3	96.5	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837 STATION

JACKSONVILLE, FLORIDA

73-77

YEARS

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	5.2	57.1	58.6	60.0	60.7	61.3	61.4	61.7	61.7	61.9	61.9	62.2	62.3
≥ 20000	8.4	64.3	65.9	67.3	68.1	68.6	68.8	69.1	69.1	69.2	69.2	69.6	69.7
≥ 18000	8.4	64.3	65.9	67.3	68.1	68.6	68.8	69.1	69.1	69.2	69.2	69.6	69.7
≥ 16000	8.4	64.4	66.0	67.4	68.2	68.7	68.9	69.2	69.2	69.3	69.3	69.7	69.8
≥ 14000	8.5	64.6	66.2	67.6	68.4	69.0	69.2	69.4	69.4	69.6	69.6	70.0	70.0
≥ 12000	8.5	65.6	67.3	68.7	69.5	70.0	70.2	70.5	70.5	70.7	70.7	71.0	71.1
≥ 10000	8.9	68.6	70.3	71.7	72.5	73.1	73.2	73.5	73.5	73.7	73.7	74.0	74.1
≥ 9000	8.9	69.0	70.7	72.1	72.9	73.4	73.6	73.9	73.9	74.0	74.0	74.4	74.5
≥ 8000	8.9	73.9	75.7	77.2	78.0	78.6	78.8	79.1	79.1	79.3	79.3	79.6	79.7
≥ 7000	8.9	74.7	76.4	77.9	78.7	79.3	79.5	79.8	79.8	80.0	80.0	80.3	80.4
≥ 6000	8.9	75.0	76.8	78.3	79.1	79.7	79.9	80.1	80.1	80.3	80.3	80.7	80.8
≥ 5000	8.9	75.4	77.1	78.6	79.4	80.1	80.2	80.5	80.5	80.7	80.7	81.0	81.1
≥ 4500	8.9	75.4	77.2	78.7	79.5	80.1	80.3	80.5	80.6	80.8	80.8	81.1	81.2
≥ 4000	8.9	77.0	78.6	80.3	81.1	81.7	81.9	82.2	82.2	82.4	82.4	82.7	82.8
≥ 3500	8.9	77.8	79.5	81.0	81.8	82.5	82.6	82.9	82.9	83.1	83.1	83.4	83.5
≥ 3000	8.9	79.5	81.4	82.9	83.7	84.3	84.6	84.8	84.8	85.0	85.0	85.4	85.5
≥ 2500	8.9	81.2	83.2	84.9	85.7	86.4	86.6	86.9	86.9	87.1	87.1	87.4	87.5
≥ 2000	8.9	83.6	85.6	87.4	88.2	88.8	89.2	89.5	89.5	89.6	89.6	90.0	90.1
≥ 1800	8.9	84.3	86.3	88.1	88.9	89.5	89.9	90.2	90.2	90.3	90.3	90.7	90.8
≥ 1500	8.9	86.0	88.0	90.1	90.9	91.5	91.8	92.1	92.1	92.3	92.3	92.6	92.7
≥ 1200	8.9	86.4	88.7	90.8	91.6	92.2	92.6	92.8	92.8	93.0	93.0	93.4	93.4
≥ 1000	8.9	87.2	89.5	91.7	92.6	93.3	93.7	94.0	94.0	94.2	94.2	94.5	94.6
≥ 900	8.9	87.2	89.6	91.8	92.7	93.4	93.9	94.2	94.2	94.3	94.3	94.7	94.8
≥ 800	8.9	87.6	90.2	92.5	93.4	94.2	94.8	95.0	95.0	95.2	95.2	95.6	95.7
≥ 700	8.9	87.8	90.5	92.8	93.8	94.5	95.2	95.5	95.5	95.7	95.7	96.0	96.1
≥ 600	8.9	87.9	90.6	93.0	94.0	94.7	95.4	95.7	95.7	95.8	95.8	96.2	96.3
≥ 500	8.9	87.9	90.6	93.1	94.2	95.0	95.7	96.0	96.0	96.4	96.4	96.7	96.8
≥ 400	8.9	88.3	91.1	93.7	95.0	95.7	96.5	96.9	96.9	97.3	97.3	97.7	97.8
≥ 300	8.9	88.4	91.1	94.0	95.2	96.0	96.8	97.3	97.3	97.7	97.8	98.2	98.3
≥ 200	8.9	88.4	91.1	94.0	95.3	96.1	96.9	97.3	97.4	98.0	98.1	98.7	98.9
≥ 100	8.9	88.4	91.2	94.1	95.4	96.2	97.0	97.4	97.5	98.1	98.3	98.9	99.5
≥ 0	8.9	88.4	91.2	94.1	95.4	96.2	97.0	97.4	97.5	98.1	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

1128

AD-A060 544

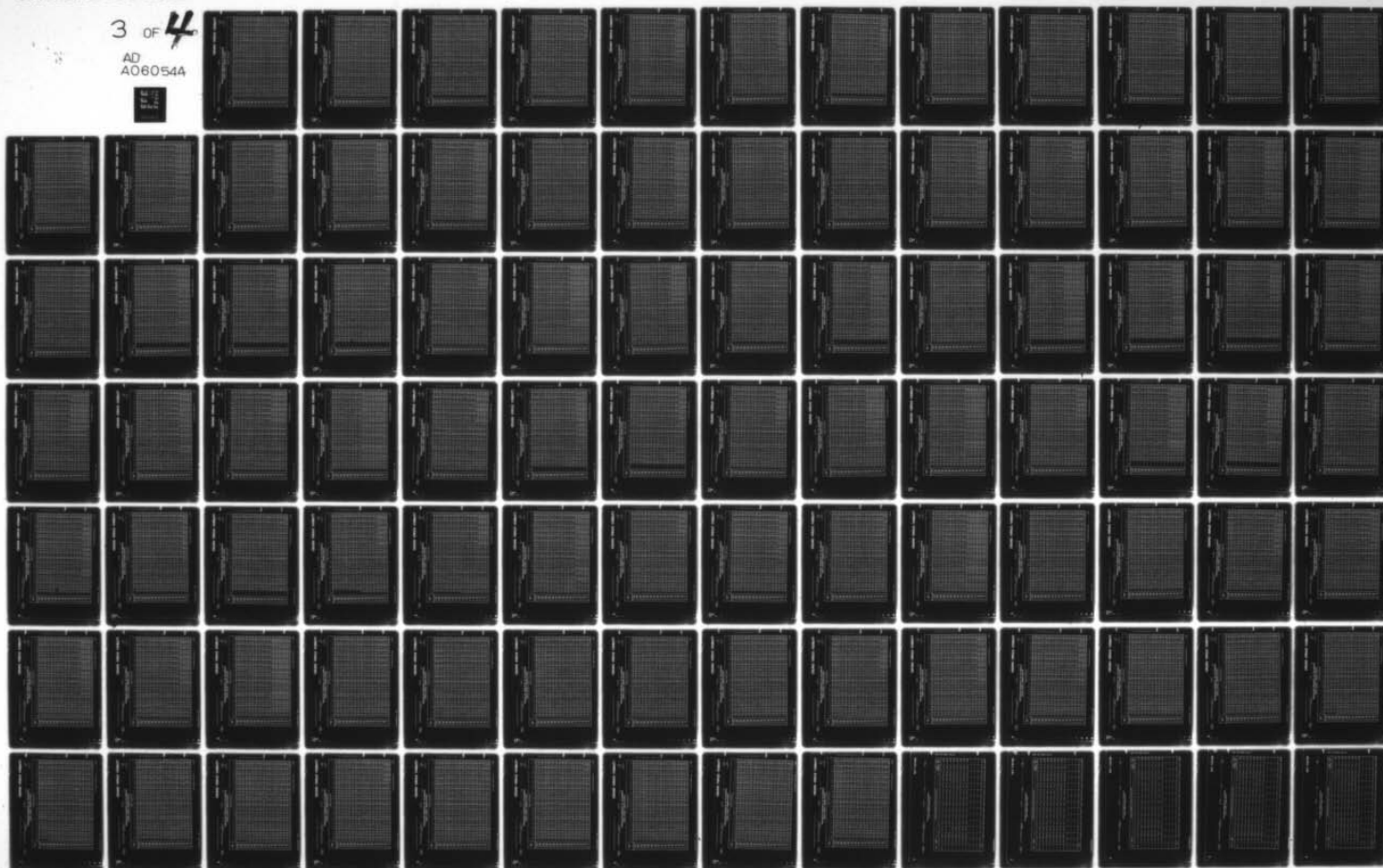
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) JACKSONV--ETC(U).
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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

MAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)01
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.9	00.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9
≥ 20000	3.9	59.0	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6
≥ 18000	3.9	59.0	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6
≥ 16000	3.9	59.0	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6
≥ 14000	3.9	59.0	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6
≥ 12000	3.9	59.7	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3
≥ 10000	3.9	74.2	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8
≥ 9000	3.9	74.8	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4
≥ 8000	4.5	75.8	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4
≥ 7000	4.5	76.8	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4
≥ 6000	4.5	76.8	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4
≥ 5000	4.5	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3
≥ 4500	4.5	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3
≥ 4000	4.5	80.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2
≥ 3500	4.5	80.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2
≥ 3000	4.5	81.3	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9
≥ 2500	4.5	83.9	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5
≥ 2000	4.5	87.7	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3
≥ 1800	4.5	87.7	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3
≥ 1500	4.5	89.7	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3
≥ 1200	4.5	89.7	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3
≥ 1000	4.5	89.7	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3
≥ 900	4.5	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9
≥ 800	4.5	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9
≥ 700	4.5	91.6	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2
≥ 600	4.5	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8
≥ 500	4.5	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8
≥ 400	4.5	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1
≥ 300	4.5	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1
≥ 200	4.5	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	96.8	96.8	96.8	96.8	96.8
≥ 100	4.5	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	97.4	97.4	97.4	97.4	97.4
≥ 0	4.5	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

1225

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837

JACKSONVILLE, FLORIDA

73-77

MAR

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	2.6	55.5	56.8	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	58.1
≥ 20000	2.6	62.6	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.8
≥ 18000	2.6	62.6	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.8
≥ 16000	2.6	62.6	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.8
≥ 14000	2.6	62.6	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.8
≥ 12000	2.6	63.2	65.2	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	66.5
≥ 10000	2.6	65.2	67.1	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.4
≥ 9000	2.6	65.8	67.7	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	69.0
≥ 8000	3.2	69.0	71.0	71.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.9
≥ 7000	3.2	69.7	71.6	71.6	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.6
≥ 6000	3.2	69.7	71.6	71.6	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.6
≥ 5000	3.2	72.3	74.2	74.2	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	76.1
≥ 4500	3.2	72.3	74.2	74.2	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	76.1
≥ 4000	3.2	74.8	77.4	77.4	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.4
≥ 3500	3.2	76.1	79.4	79.4	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3
≥ 3000	3.2	76.1	79.4	79.4	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3
≥ 2500	3.2	76.1	80.0	80.0	80.0	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	83.2
≥ 2000	3.2	79.4	83.2	83.2	83.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.5
≥ 1800	3.2	79.4	83.2	83.2	83.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.5
≥ 1500	3.2	80.0	83.9	83.9	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	88.4
≥ 1200	3.2	80.0	83.9	83.9	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	88.4
≥ 1000	3.2	81.3	85.2	85.2	85.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	89.7
≥ 900	3.2	81.3	85.2	85.2	85.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	89.7
≥ 800	3.2	82.6	86.5	86.5	86.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	91.0
≥ 700	3.2	85.2	89.0	89.0	89.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	93.6
≥ 600	3.2	86.5	90.3	90.3	90.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.8
≥ 500	3.2	86.5	90.3	90.3	90.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	95.5
≥ 400	3.2	86.5	91.0	91.0	91.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	96.1
≥ 300	3.2	86.5	91.0	91.0	91.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	96.8
≥ 200	3.2	86.5	91.0	91.0	91.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	98.7
≥ 100	3.2	86.5	91.0	91.0	91.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	99.4
0	3.2	86.5	91.0	91.0	91.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7	38.7	43.9	47.1	47.7	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	49.0	49.0
≥ 20000	7	45.2	51.0	54.8	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.8	57.4
≥ 18000	7	45.2	51.0	54.8	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.8	57.4
≥ 16000	7	45.2	51.0	54.8	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.8	57.4
≥ 14000	7	45.2	51.0	54.8	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.8	57.4
≥ 12000	7	45.8	52.3	56.1	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	58.1	58.7
≥ 10000	7	47.1	54.8	58.7	59.4	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.7	61.3
≥ 9000	7	47.1	54.8	58.7	59.4	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.7	61.3
8000	7	52.3	60.7	64.5	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	67.1	67.7
7000	7	53.6	61.9	65.8	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.4	69.0
6000	7	53.6	61.9	65.8	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.4	69.0
5000	7	53.6	61.9	65.8	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.4	69.0
4500	7	53.6	61.9	65.8	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.4	69.0
4000	7	53.6	61.9	65.8	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.4	69.0
3500	7	58.1	67.7	71.6	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	74.2	74.8
3000	7	58.1	67.7	71.6	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	74.2	74.8
2500	7	58.1	67.7	71.6	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	74.2	74.8
2000	7	60.0	69.7	74.2	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.4	78.1
1800	7	62.6	72.9	78.1	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3	81.9
1500	7	62.6	72.9	78.1	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3	81.9
1200	7	65.2	76.1	81.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	85.2	85.8
1000	7	65.8	76.8	82.6	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.8	86.5
900	7	67.1	79.4	85.2	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	88.4	89.0
800	7	67.1	79.4	85.2	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	88.4	89.0
700	7	67.7	80.0	85.8	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	89.7	90.3
600	7	68.4	81.3	87.1	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	91.0	91.6
500	7	68.4	81.3	87.1	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	91.0	91.6
400	7	68.4	82.6	88.4	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	92.3	92.9
300	7	68.4	82.6	88.4	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	92.3	92.9
200	7	68.4	82.6	88.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	92.3	92.9
100	7	68.4	82.6	88.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	92.3	92.9
0	7	68.4	82.6	88.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	92.3	92.9

TOTAL NUMBER OF OBSERVATIONS

155

1225

1225

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

MAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼
NO CEILING	3.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.9	52.9	52.9	52.9
≥ 20000	3.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	60.0	60.0	60.0	60.0
≥ 18000	3.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	60.0	60.0	60.0	60.0
≥ 16000	3.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	60.0	60.0	60.0	60.0
≥ 14000	3.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	60.0	60.0	60.0	60.0
≥ 12000	3.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	60.0	60.0	60.0	60.0
≥ 10000	4.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.6	62.6	62.6	62.6
≥ 9000	4.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.2	63.2	63.2	63.2
≥ 8000	4.5	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.7	67.7	67.7	67.7
≥ 7000	4.5	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.7	67.7	67.7	67.7
≥ 6000	4.5	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.4	68.4	68.4	68.4
≥ 5000	4.5	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	69.0	69.0	69.0	69.0
≥ 4500	4.5	67.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.7	69.7	69.7	69.7
≥ 4000	4.5	69.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.6	71.6	71.6	71.6
≥ 3500	4.5	70.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9
≥ 3000	4.5	71.0	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.6	73.6	73.6	73.6
≥ 2500	4.5	74.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8
≥ 2000	4.5	79.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.9	81.9	81.9	81.9
≥ 1800	4.5	79.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.9	81.9	81.9	81.9
≥ 1500	4.5	82.6	84.5	84.5	84.5	84.5	84.5	84.5	84.5	85.2	85.2	85.2	85.2
≥ 1200	4.5	83.9	85.8	86.5	86.5	86.5	86.5	86.5	86.5	87.1	87.1	87.1	87.1
≥ 1000	4.5	85.8	87.7	88.4	88.4	88.4	88.4	88.4	88.4	89.0	89.0	89.0	89.0
≥ 900	4.5	85.8	87.7	88.4	88.4	88.4	88.4	88.4	88.4	89.0	89.0	89.0	89.0
≥ 800	4.5	87.1	89.0	89.7	89.7	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3
≥ 700	4.5	87.1	89.7	90.3	90.3	90.3	90.3	90.3	90.3	91.0	91.0	91.0	91.0
≥ 600	4.5	87.7	90.3	91.6	91.6	91.6	91.6	91.6	91.6	92.3	92.3	92.3	92.3
≥ 500	4.5	87.7	90.3	91.6	91.6	91.6	91.6	91.6	91.6	92.9	92.9	92.9	92.9
≥ 400	4.5	87.7	90.3	91.6	91.6	91.6	91.6	91.6	91.6	92.9	92.9	92.9	92.9
≥ 300	4.5	87.7	90.3	92.9	92.9	92.9	92.9	92.9	92.9	93.6	93.6	93.6	93.6
≥ 200	4.5	87.7	90.3	92.9	92.9	92.9	92.9	92.9	92.9	93.6	93.6	93.6	93.6
≥ 100	4.5	87.7	90.3	92.9	92.9	92.9	92.9	92.9	92.9	93.6	93.6	93.6	93.6
0	4.5	87.7	90.3	92.9	92.9	92.9	92.9	92.9	92.9	93.6	93.6	93.6	93.6

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

MAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	8.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	9.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	9.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000	9.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	9.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	9.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	9.0	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 9000	9.0	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000	9.0	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 7000	9.0	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 6000	9.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 5000	9.0	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4500	9.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 4000	9.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3500	9.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3000	9.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2500	9.7	83.9	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	9.7	89.7	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	9.7	89.7	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	9.7	92.9	92.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	9.7	92.9	92.9	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	9.7	92.9	92.9	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	9.7	92.9	92.9	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	9.7	92.9	92.9	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	9.7	92.9	92.9	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	9.7	92.9	93.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	9.7	92.9	93.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	9.7	92.9	93.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	9.7	92.9	93.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	9.7	92.9	93.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	9.7	92.9	93.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	9.7	92.9	93.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

2

12525

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	7.1	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000	8.4	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
18000	8.4	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
16000	8.4	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
14000	8.4	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
12000	8.4	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
10000	8.4	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
9000	8.4	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
8000	8.4	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
7000	8.4	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
6000	8.4	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
5000	8.4	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
4500	8.4	76.1	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
4000	8.4	77.4	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
3500	8.4	79.4	80.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
3000	8.4	83.2	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
2500	8.4	89.0	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
2000	8.4	91.6	92.9	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1800	8.4	91.6	92.9	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1500	8.4	92.3	93.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
1200	8.4	92.3	93.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
1000	8.4	92.3	93.6	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
900	8.4	92.3	93.6	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
800	8.4	92.9	94.2	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
700	8.4	92.9	94.2	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
600	8.4	92.9	94.2	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500	8.4	92.9	94.2	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400	8.4	92.9	94.2	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300	8.4	92.9	94.2	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200	8.4	92.9	94.2	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100	8.4	92.9	94.2	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	8.4	92.9	94.2	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	7	50.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 18000	7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 16000	7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000	7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	7	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 9000	7	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000	7	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000	7	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	7	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 5000	7	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	7	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	7	85.2	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500	7	86.5	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	7	90.3	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	7	91.6	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	7	92.3	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	7	92.3	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	7	92.3	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	7	92.9	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	7	92.9	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	7	92.9	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	7	93.6	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	7	93.6	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	7	93.6	94.8	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	7	93.6	94.8	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	7	93.6	94.8	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300	7	93.6	94.8	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	7	93.6	94.8	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 100	7	93.6	94.8	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
0	7	93.6	94.8	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837

JACKSONVILLE, FLORIDA

73-77

MAR

STATION

STATION NAME

YEARS

MARCH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	3.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	3.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000	3.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	3.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	3.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000	3.9	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	3.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	3.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	3.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 7000	3.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000	3.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	3.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500	3.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	3.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	3.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	3.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	3.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	3.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	3.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	3.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	3.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	3.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	3.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	3.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	3.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	3.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	3.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	3.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 300	3.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 200	3.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 100	3.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
0	3.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	3.8	53.3	54.4	54.8	54.8	54.9	55.0	55.0	55.0	55.1	55.2	55.2	55.2	55.3
≥ 20000	4.1	63.2	64.4	65.0	65.1	65.2	65.2	65.2	65.2	65.3	65.4	65.4	65.4	65.6
≥ 18000	4.1	63.2	64.4	65.0	65.1	65.2	65.2	65.2	65.2	65.3	65.4	65.4	65.4	65.7
≥ 16000	4.1	63.2	64.4	65.0	65.1	65.2	65.2	65.2	65.2	65.3	65.4	65.4	65.4	65.7
≥ 14000	4.1	63.4	64.6	65.2	65.2	65.3	65.4	65.4	65.4	65.5	65.6	65.6	65.6	65.8
≥ 12000	4.1	63.8	65.1	65.7	65.7	65.8	65.9	65.9	65.9	66.0	66.1	66.1	66.1	66.3
≥ 10000	4.2	66.8	68.2	68.8	69.0	69.0	69.1	69.1	69.1	69.2	69.3	69.3	69.3	69.5
≥ 9000	4.2	67.2	68.6	69.2	69.4	69.4	69.5	69.5	69.5	69.6	69.7	69.7	69.7	69.9
≥ 8000	4.4	71.2	72.9	73.3	73.8	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.4
≥ 7000	4.4	71.7	73.4	74.0	74.3	74.4	74.4	74.4	74.4	74.5	74.6	74.6	74.6	74.8
≥ 6000	4.4	71.9	73.6	74.1	74.5	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	75.1
≥ 5000	4.4	73.0	74.7	75.2	75.7	75.7	75.8	75.8	75.8	75.9	76.0	76.0	76.0	76.2
≥ 4500	4.4	73.2	74.9	75.6	76.0	76.1	76.1	76.1	76.1	76.2	76.3	76.3	76.3	76.5
≥ 4000	4.4	75.5	77.7	78.3	78.7	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.2
≥ 3500	4.4	76.4	78.6	79.3	79.8	79.8	79.9	79.9	79.9	80.0	80.1	80.1	80.1	80.3
≥ 3000	4.4	78.3	80.6	81.2	81.7	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.3
≥ 2500	4.4	81.2	83.6	84.6	85.2	85.2	85.3	85.3	85.3	85.4	85.5	85.5	85.5	85.7
≥ 2000	4.4	84.4	86.9	88.2	88.8	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.4
≥ 1800	4.4	84.4	86.9	88.2	88.8	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.4
≥ 1500	4.4	86.0	88.5	90.2	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.4
≥ 1200	4.4	86.4	88.9	90.8	91.5	91.5	91.6	91.6	91.6	91.7	91.8	91.8	91.8	92.0
≥ 1000	4.4	86.9	89.6	91.6	92.3	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	93.0
≥ 900	4.4	87.0	89.7	91.7	92.4	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	93.1
≥ 800	4.4	87.6	90.2	92.3	93.2	93.3	93.4	93.5	93.5	93.6	93.6	93.6	93.6	94.0
≥ 700	4.4	88.2	91.1	93.1	94.0	94.1	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.8
≥ 600	4.4	88.6	91.5	93.7	94.8	94.9	95.2	95.3	95.3	95.4	95.5	95.5	95.5	95.8
≥ 500	4.4	88.6	91.7	93.9	95.0	95.2	95.7	96.1	96.1	96.2	96.2	96.2	96.2	96.5
≥ 400	4.4	88.8	92.0	94.4	95.5	95.7	96.5	96.9	97.1	97.2	97.2	97.2	97.2	97.5
≥ 300	4.4	88.8	92.0	94.4	95.7	95.9	96.7	97.2	97.3	97.4	97.7	97.7	97.7	98.2
≥ 200	4.4	88.8	92.1	94.4	95.8	96.1	97.0	97.5	97.7	97.8	98.2	98.4	98.4	99.0
≥ 100	4.4	88.8	92.1	94.4	95.8	96.1	97.0	97.5	97.7	97.9	98.3	98.6	98.6	99.6
0	4.4	88.8	92.1	94.4	95.8	96.1	97.0	97.5	97.7	97.9	98.3	98.6	98.6	99.1

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNA VOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION 93837 JACKSONVILLE, FLORIDA STATION NAME 73-77 YEARS MONTH APR 04 HOURS (L S T) 04

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	3.3	70.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	74.0	74.0	74.0
≥ 20000	4.0	76.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	80.0	80.0	80.0
≥ 18000	4.0	76.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	80.0	80.0	80.0
≥ 16000	4.0	76.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	80.0	80.0	80.0
≥ 14000	4.0	76.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	80.0	80.0	80.0
≥ 12000	4.0	78.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	82.0	82.0	82.0
≥ 10000	4.0	79.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.7	82.7	82.7
≥ 9000	4.0	79.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.7	82.7	82.7
≥ 8000	4.0	81.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.7	84.7	84.7
≥ 7000	4.0	82.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	86.0	86.0	86.0
≥ 6000	4.0	82.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	86.0	86.0	86.0
≥ 5000	4.0	84.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.3	87.3	87.3
≥ 4500	4.0	84.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.3	87.3	87.3
≥ 4000	4.0	85.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.3	89.3	89.3
≥ 3500	4.0	86.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	90.0	90.0	90.0
≥ 3000	4.0	86.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.7	90.7	90.7
≥ 2500	4.0	88.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.7	92.7	92.7
≥ 2000	4.0	88.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.7	92.7	92.7
≥ 1800	4.0	88.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.7	92.7	92.7
≥ 1500	4.0	90.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	94.0	94.0	94.0
≥ 1200	4.0	90.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	94.0	94.0	94.0
≥ 1000	4.0	90.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	94.0	94.0	94.0
≥ 900	4.0	90.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.7	94.7	94.7
≥ 800	4.0	90.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.7	94.7	94.7
≥ 700	4.0	90.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.7	94.7	94.7
≥ 600	4.0	90.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.7	94.7	94.7
≥ 500	4.0	91.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.3	95.3	95.3
≥ 400	4.0	91.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.3	95.3	95.3
≥ 300	4.0	91.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.3	95.3	95.3
≥ 200	4.0	91.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.3	95.3	95.3
≥ 100	4.0	91.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.3	95.3	95.3
0	4.0	91.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.3	95.3	95.3

TOTAL NUMBER OF OBSERVATIONS 150

2

18130-54231

2225

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837

STATION

JACKSONVILLE, FLORIDA

STATION NAME

73-77

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	2.7	52.0	60.0	63.3	63.3	63.3	64.7	64.7	64.7	64.7	65.3	65.3	66.0	66.0
≥ 20000	2.7	58.0	66.7	70.0	70.0	70.0	71.3	71.3	71.3	71.3	72.0	72.0	72.7	72.7
≥ 18000	2.7	58.0	66.7	70.0	70.0	70.0	71.3	71.3	71.3	71.3	72.0	72.0	72.7	72.7
≥ 16000	2.7	58.0	66.7	70.0	70.0	70.0	71.3	71.3	71.3	71.3	72.0	72.0	72.7	72.7
≥ 14000	2.7	58.0	66.7	70.0	70.0	70.0	71.3	71.3	71.3	71.3	72.0	72.0	72.7	72.7
≥ 12000	2.7	58.0	66.7	70.0	70.0	70.0	71.3	71.3	71.3	71.3	72.0	72.0	72.7	72.7
≥ 10000	2.7	59.3	68.0	72.0	72.0	72.0	73.3	73.3	73.3	73.3	74.0	74.0	74.7	74.7
≥ 9000	2.7	59.3	68.0	72.0	72.0	72.0	73.3	73.3	73.3	73.3	74.0	74.0	74.7	74.7
≥ 8000	2.7	64.7	74.0	78.7	78.7	78.7	80.0	80.0	80.0	80.0	80.7	80.7	81.3	81.3
≥ 7000	2.7	66.0	75.3	80.7	80.7	80.7	82.0	82.0	82.0	82.0	82.7	82.7	83.3	83.3
≥ 6000	2.7	66.0	75.3	80.7	80.7	80.7	82.0	82.0	82.0	82.0	82.7	82.7	83.3	83.3
≥ 5000	2.7	66.7	76.0	81.3	81.3	81.3	82.7	82.7	82.7	82.7	83.3	83.3	84.0	84.0
≥ 4500	2.7	66.7	76.0	81.3	81.3	81.3	82.7	82.7	82.7	82.7	83.3	83.3	84.0	84.0
≥ 4000	2.7	68.0	78.0	83.3	83.3	83.3	84.7	84.7	84.7	84.7	85.3	85.3	86.0	86.0
≥ 3500	2.7	68.7	78.7	84.0	84.0	84.0	85.3	85.3	85.3	85.3	86.0	86.0	86.7	86.7
≥ 3000	2.7	68.7	78.7	84.0	84.0	84.0	85.3	85.3	85.3	85.3	86.0	86.0	86.7	86.7
≥ 2500	2.7	69.3	79.3	84.7	85.3	85.3	86.7	86.7	86.7	86.7	87.3	87.3	88.0	88.0
≥ 2000	2.7	70.0	80.0	85.3	86.0	86.0	87.3	87.3	87.3	87.3	88.0	88.0	88.7	88.7
≥ 1800	2.7	70.7	80.7	86.0	86.7	86.7	87.3	87.3	87.3	87.3	88.0	88.0	88.7	88.7
≥ 1500	2.7	70.7	80.7	86.0	86.7	86.7	87.3	87.3	87.3	87.3	88.0	88.0	88.7	88.7
≥ 1200	2.7	70.7	80.7	86.0	86.7	86.7	87.3	87.3	87.3	87.3	88.0	88.0	88.7	88.7
≥ 1000	2.7	72.0	82.0	87.3	88.0	88.0	89.0	89.0	89.0	89.0	90.0	90.0	90.7	90.7
≥ 900	2.7	72.0	82.0	87.3	88.0	88.0	89.0	89.0	89.0	89.0	90.0	90.0	90.7	90.7
≥ 800	2.7	72.7	83.3	88.7	89.3	89.3	90.0	90.0	90.0	90.0	91.3	91.3	91.3	91.3
≥ 700	2.7	72.7	83.3	88.7	89.3	89.3	90.0	90.0	90.0	90.0	91.3	91.3	91.3	91.3
≥ 600	2.7	72.7	83.3	88.7	89.3	89.3	90.0	90.0	90.0	90.0	91.3	91.3	91.3	91.3
≥ 500	2.7	73.3	84.0	90.0	90.7	90.7	92.7	92.7	92.7	92.7	93.3	93.3	93.3	93.3
≥ 400	2.7	73.3	84.0	90.0	90.7	90.7	92.7	92.7	92.7	92.7	93.3	93.3	93.3	93.3
≥ 300	2.7	73.3	84.0	90.0	90.7	90.7	92.7	92.7	92.7	92.7	93.3	93.3	93.3	93.3
≥ 200	2.7	73.3	84.0	90.0	90.7	90.7	92.7	92.7	92.7	92.7	93.3	93.3	93.3	93.3
≥ 100	2.7	73.3	84.0	90.0	90.7	90.7	92.7	92.7	92.7	92.7	93.3	93.3	93.3	93.3
0	2.7	73.3	84.0	90.0	90.7	90.7	92.7	92.7	92.7	92.7	93.3	93.3	93.3	93.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	6.0	64.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000	6.0	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 18000	6.0	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 16000	6.0	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 14000	6.0	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 12000	6.0	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 10000	6.7	69.3	69.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 9000	6.7	70.0	70.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 8000	6.7	75.3	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 7000	6.7	76.7	76.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 6000	6.7	76.7	76.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	6.7	77.3	77.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500	6.7	77.3	77.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	6.7	77.3	78.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500	6.7	80.0	80.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	7.3	84.7	85.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500	7.3	86.0	86.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	7.3	90.0	90.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	7.3	90.0	90.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	7.3	94.7	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	7.3	94.7	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	7.3	94.7	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	7.3	94.7	95.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	7.3	94.7	95.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	7.3	94.7	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	7.3	94.7	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	7.3	94.7	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	7.3	94.7	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	7.3	94.7	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	7.3	94.7	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	7.3	94.7	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	7.3	94.7	96.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

1200 0400 1200

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	7.3	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000	7.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	7.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000	7.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	7.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 12000	7.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 10000	7.3	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 9000	7.3	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
8000	7.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
7000	7.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
6000	7.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
5000	7.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
4500	7.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
4000	8.0	81.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
3500	8.7	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
3000	9.3	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
2500	10.0	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
2000	11.3	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
1800	11.3	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
1500	11.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1200	11.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1000	11.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
900	11.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800	11.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700	11.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600	11.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
500	11.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400	11.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
300	11.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200	11.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100	11.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	11.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

APR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

16

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	7.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000	7.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	7.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000	7.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	7.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 12000	7.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 10000	7.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 9000	7.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
8000	8.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
7000	8.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
6000	8.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
5000	8.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
4500	8.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
4000	8.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
3500	9.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
3000	10.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
2500	10.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
2000	10.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1800	10.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1500	10.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1200	10.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1000	10.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
900	10.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
800	10.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
700	10.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
600	10.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
500	10.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
400	10.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
300	10.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
200	10.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
100	10.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
0	10.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837

JACKSONVILLE, FLORIDA

73-77

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	2.0	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	2.7	78.0	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 18000	2.7	78.0	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 16000	2.7	78.0	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 14000	2.7	78.0	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000	2.7	78.0	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 10000	2.7	80.0	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 9000	2.7	80.0	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	2.7	81.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	2.7	82.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	2.7	83.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	2.7	84.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	2.7	84.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000	2.7	86.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500	2.7	88.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	3.3	90.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	3.3	90.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	3.3	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	3.3	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	3.3	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	3.3	94.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	3.3	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	3.3	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	3.3	95.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	3.3	95.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	3.3	95.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	3.3	95.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	3.3	95.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	3.3	95.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	3.3	95.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	3.3	95.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	3.3	95.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837 STATION

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	4.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 20000	4.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 18000	4.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	4.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	4.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	4.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	4.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	4.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	4.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	4.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 6000	4.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 5000	4.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500	4.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	4.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500	4.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	4.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500	4.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	4.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	4.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	4.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	4.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	4.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	4.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	4.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	4.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	4.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	4.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	4.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	4.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	4.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	4.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	4.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

2

1225

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03837

JACKSONVILLE, FLORIDA

73-77

APR

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	4.8	65.3	66.8	67.4	67.4	67.4	67.6	67.6	67.6	67.7	67.8	67.8	67.9
≥ 20000	5.0	73.3	75.0	75.7	75.7	75.7	75.8	75.8	75.8	75.9	76.0	76.1	76.2
≥ 18000	5.0	73.3	75.0	75.7	75.7	75.7	75.8	75.8	75.8	75.9	76.0	76.1	76.2
≥ 16000	5.0	73.3	75.0	75.7	75.7	75.7	75.8	75.8	75.8	75.9	76.0	76.1	76.2
≥ 14000	5.0	73.3	75.0	75.7	75.7	75.7	75.8	75.8	75.8	75.9	76.0	76.1	76.2
≥ 12000	5.0	73.6	75.3	76.0	76.0	76.0	76.2	76.2	76.2	76.3	76.4	76.4	76.5
≥ 10000	5.1	74.8	76.9	77.4	77.4	77.4	77.6	77.6	77.6	77.7	77.8	77.8	77.9
≥ 9000	5.1	75.2	76.9	77.8	77.8	77.8	77.9	77.9	77.9	78.0	78.1	78.2	78.3
≥ 8000	5.2	79.1	80.9	81.8	81.8	81.8	82.0	82.0	82.0	82.1	82.2	82.3	82.3
≥ 7000	5.2	80.3	82.3	83.3	83.3	83.3	83.4	83.4	83.4	83.5	83.6	83.7	83.8
≥ 6000	5.2	80.3	82.3	83.4	83.4	83.4	83.5	83.5	83.5	83.6	83.7	83.7	83.8
≥ 5000	5.2	80.9	82.9	84.0	84.0	84.0	84.2	84.2	84.2	84.3	84.3	84.4	84.5
≥ 4500	5.2	81.2	83.2	84.3	84.3	84.3	84.4	84.4	84.4	84.5	84.6	84.7	84.8
≥ 4000	5.3	83.0	85.3	86.5	86.5	86.5	86.7	86.7	86.7	86.8	86.8	86.9	87.0
≥ 3500	5.4	84.4	86.8	87.9	87.9	87.9	88.1	88.1	88.1	88.2	88.3	88.3	88.4
≥ 3000	5.8	86.4	88.8	89.9	89.9	89.9	90.1	90.1	90.1	90.2	90.3	90.3	90.4
≥ 2500	6.0	88.2	90.5	91.7	91.8	91.8	91.9	91.9	91.9	92.0	92.1	92.2	92.3
≥ 2000	6.2	90.7	93.2	94.4	94.5	94.5	94.7	94.7	94.7	94.8	94.8	94.9	95.0
≥ 1800	6.2	90.8	93.3	94.5	94.6	94.6	94.8	94.8	94.8	94.9	94.9	95.0	95.1
≥ 1600	6.2	91.8	94.3	95.6	95.7	95.7	95.8	95.8	95.8	95.9	96.0	96.1	96.2
≥ 1400	6.2	92.2	94.8	96.1	96.2	96.2	96.3	96.3	96.3	96.4	96.5	96.6	96.7
≥ 1200	6.2	92.7	95.4	96.8	96.8	96.8	97.1	97.1	97.1	97.2	97.3	97.3	97.4
≥ 900	6.2	92.8	95.5	96.8	96.9	96.9	97.2	97.2	97.2	97.3	97.3	97.4	97.5
≥ 800	6.2	92.8	95.8	97.2	97.3	97.3	97.6	97.6	97.6	97.7	97.8	97.8	97.9
≥ 700	6.2	92.9	95.9	97.3	97.4	97.4	97.6	97.6	97.6	97.7	97.8	97.8	97.9
≥ 600	6.2	92.9	95.9	97.4	97.5	97.5	97.8	97.8	97.8	97.9	98.0	98.1	98.2
≥ 500	6.2	93.1	96.1	97.6	97.7	97.7	98.0	98.0	98.0	98.1	98.2	98.3	98.3
≥ 400	6.2	93.2	96.2	97.8	97.8	97.8	98.3	98.3	98.3	98.4	98.5	98.6	98.7
≥ 300	6.2	93.2	96.3	97.8	97.9	97.9	98.3	98.3	98.3	98.4	98.5	98.6	98.7
≥ 200	6.2	93.2	96.3	97.8	97.9	97.9	98.3	98.3	98.3	98.4	98.5	98.6	98.7
≥ 100	6.2	93.2	96.3	97.8	98.0	98.0	98.4	98.4	98.4	98.5	98.6	98.7	98.8
0	6.2	93.2	96.3	97.8	98.0	98.0	98.4	98.4	98.4	98.5	98.6	98.7	98.8

TOTAL NUMBER OF OBSERVATIONS

1200

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

01

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	2.6	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 20000	2.6	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
18000	2.6	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
16000	2.6	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
14000	2.6	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
12000	3.2	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
10000	3.2	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
9000	3.2	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
8000	3.2	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
7000	3.2	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
6000	3.2	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
5000	3.2	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
4500	3.2	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
4000	3.2	91.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
3500	3.2	91.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
3000	3.2	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
2500	3.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
2000	3.2	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
1800	3.2	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
1500	3.2	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1200	3.2	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1000	3.2	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
900	3.2	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
800	3.2	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
700	3.2	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	3.2	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	3.2	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	3.2	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	3.2	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	3.2	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	3.2	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	3.2	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	2.6	69.0	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	3.2	78.7	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 18000	3.2	78.7	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 16000	3.2	78.7	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 14000	3.2	78.7	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 12000	3.2	78.7	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 10000	3.2	81.3	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 9000	3.2	81.3	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000	3.2	86.5	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 7000	3.2	87.1	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	3.2	87.1	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 5000	3.2	87.7	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	3.2	87.7	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	3.2	88.4	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500	3.2	88.4	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	3.2	88.4	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	3.2	89.0	90.3	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000	3.2	89.7	91.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	3.2	89.7	91.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	3.2	92.3	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	3.2	92.9	94.8	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	3.2	93.6	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	3.2	93.6	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	3.2	94.2	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	3.2	94.2	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	3.2	94.2	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	3.2	94.8	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	3.2	95.5	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	3.2	95.5	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	3.2	95.5	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	3.2	95.5	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	3.2	95.5	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4

155

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION

JACKSONVILLE, FLORIDA

73-77

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	1.9	44.5	52.3	58.7	59.4	60.0	60.7	60.7	60.7	60.7	61.3	61.3	61.3
≥ 20000	1.9	52.3	61.3	69.0	69.7	70.3	71.0	71.0	71.0	71.0	72.3	72.3	72.3
≥ 18000	1.9	52.3	61.3	69.0	69.7	70.3	71.0	71.0	71.0	71.0	72.3	72.3	72.3
≥ 16000	1.9	52.3	61.3	69.0	69.7	70.3	71.0	71.0	71.0	71.0	72.3	72.3	72.3
≥ 14000	1.9	52.3	61.3	69.0	69.7	70.3	71.0	71.0	71.0	71.0	72.3	72.3	72.3
≥ 12000	1.9	54.2	63.2	71.6	72.3	72.9	73.6	73.6	73.6	73.6	74.8	74.8	74.8
≥ 10000	1.9	54.8	63.9	73.6	74.2	74.8	76.1	76.1	76.1	76.1	77.4	77.4	77.4
≥ 9000	1.9	55.5	64.5	74.2	74.8	75.5	76.8	76.8	76.8	76.8	78.1	78.1	78.1
≥ 8000	1.9	59.4	69.0	75.4	80.0	80.7	81.9	81.9	81.9	81.9	83.2	83.2	83.2
≥ 7000	1.9	60.0	69.7	80.0	80.7	81.3	82.6	82.6	82.6	82.6	83.9	83.9	83.9
≥ 6000	1.9	60.0	69.7	80.0	80.7	81.3	82.6	82.6	82.6	82.6	83.9	83.9	83.9
≥ 5000	1.9	60.0	69.7	80.0	80.7	81.3	82.6	82.6	82.6	82.6	83.9	83.9	83.9
≥ 4500	1.9	60.0	69.7	80.0	80.7	81.3	82.6	82.6	82.6	82.6	83.9	83.9	83.9
≥ 4000	1.9	60.0	69.7	80.0	80.7	81.3	82.6	82.6	82.6	82.6	83.9	83.9	83.9
≥ 3500	1.9	61.3	71.0	81.3	81.9	82.6	83.9	83.9	83.9	83.9	85.2	85.2	85.2
≥ 3000	1.9	61.3	71.0	81.3	81.9	82.6	83.9	83.9	83.9	83.9	85.2	85.2	85.2
≥ 2500	1.9	61.9	72.3	83.2	83.9	84.5	85.8	85.8	85.8	85.8	87.1	87.1	87.1
≥ 2000	1.9	62.6	72.9	83.9	84.5	85.2	86.5	86.5	86.5	86.5	87.7	87.7	87.7
≥ 1800	1.9	62.6	72.9	83.9	84.5	85.2	86.5	86.5	86.5	86.5	87.7	87.7	87.7
≥ 1500	1.9	64.5	75.5	87.1	87.7	88.4	89.7	89.7	89.7	89.7	91.0	91.0	91.0
≥ 1200	1.9	64.5	75.5	87.1	87.7	88.4	89.7	89.7	89.7	89.7	91.0	91.0	91.0
≥ 1000	1.9	64.5	75.5	87.7	89.0	90.3	92.9	92.9	92.9	92.9	94.2	94.2	94.2
≥ 900	1.9	64.5	75.5	87.7	89.0	90.3	92.9	92.9	92.9	92.9	94.2	94.2	94.2
≥ 800	1.9	64.5	76.1	89.0	90.3	91.6	94.8	94.8	94.8	94.8	96.1	96.1	96.1
≥ 700	1.9	64.5	76.1	89.7	91.0	92.3	95.5	95.5	95.5	95.5	96.8	96.8	96.8
≥ 600	1.9	65.2	76.8	90.3	91.6	92.9	96.1	96.1	96.1	96.1	97.4	97.4	97.4
≥ 500	1.9	65.2	76.8	91.6	92.9	94.2	97.4	97.4	97.4	97.4	98.7	98.7	98.7
≥ 400	1.9	65.2	76.8	91.6	92.9	94.2	97.4	97.4	97.4	97.4	98.7	98.7	98.7
≥ 300	1.9	65.2	76.8	91.6	92.9	94.2	97.4	97.4	97.4	97.4	98.7	98.7	98.7
≥ 200	1.9	65.2	76.8	91.6	92.9	94.2	97.4	97.4	97.4	97.4	98.7	98.7	98.7
≥ 100	1.9	65.2	76.8	91.6	92.9	94.2	97.4	97.4	97.4	97.4	98.7	98.7	98.7
0	1.9	65.2	76.8	91.6	92.9	94.2	97.4	97.4	97.4	97.4	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	3.9	56.1	58.7	58.7	58.7	56.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	4.5	67.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 18000	4.5	67.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 16000	4.5	67.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	4.5	67.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	5.2	69.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000	5.2	70.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	5.2	71.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000	5.2	72.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	5.2	72.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	5.2	72.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	5.2	72.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4500	5.2	72.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	5.2	74.2	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	5.2	75.5	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	5.2	78.1	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	5.6	81.3	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	6.5	87.7	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	6.5	87.7	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	6.5	90.3	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	6.5	91.6	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	6.5	91.6	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	6.5	91.6	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	6.5	91.6	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	6.5	91.6	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	6.5	91.6	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	6.5	91.6	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	6.5	91.6	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	6.5	91.6	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	6.5	91.6	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	6.5	91.6	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	6.5	91.6	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	3.9	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000	6.5	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	6.5	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	6.5	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	6.5	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000	6.5	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	6.5	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 9000	6.5	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 8000	6.5	67.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	6.5	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	6.5	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	6.5	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	6.5	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000	6.5	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	6.5	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000	6.5	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	6.5	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	7.1	94.2	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	7.1	94.2	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	7.7	95.5	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	7.7	95.5	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	7.7	96.1	97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	7.7	96.1	97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	7.7	96.1	97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	7.7	96.1	97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	7.7	96.1	97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	7.7	96.1	97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	7.7	96.1	97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	7.7	96.1	97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	7.7	96.1	97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	7.7	96.1	97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	7.7	96.1	97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

12245 DE 191

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837 STATION

JACKSONVILLE, FLORIDA

73-77

YEARS

MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	3.9	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 20000	5.2	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 18000	5.2	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 16000	5.2	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000	5.2	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	5.8	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	5.8	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 9000	5.8	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 8000	5.8	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 7000	5.8	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 6000	5.8	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	5.8	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4500	5.8	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4000	5.8	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3500	5.8	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3000	5.8	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	5.8	85.2	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	5.8	89.7	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	5.8	89.7	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	5.8	90.3	92.9	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	5.8	91.0	93.6	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	5.8	92.3	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	5.8	92.3	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	5.8	92.9	96.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	5.8	93.6	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	5.8	93.6	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	5.8	93.6	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	5.8	93.6	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	5.8	93.6	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	5.8	93.6	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	5.8	93.6	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	5.8	93.6	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837 STATION

JACKSONVILLE, FLORIDA STATION NAME

73-77 YEARS

MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	1.9	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000	2.6	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	2.6	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000	2.6	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	2.6	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 12000	2.6	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 10000	2.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	2.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000	2.6	79.4	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	2.6	80.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000	2.6	80.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 5000	2.6	80.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	2.6	81.3	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000	2.6	85.2	87.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	2.6	85.8	88.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	2.6	86.5	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	2.6	88.4	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	2.6	89.0	93.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	2.6	89.0	93.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	2.6	91.0	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	2.6	91.6	96.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	2.6	92.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	2.6	92.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	2.6	92.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	2.6	92.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	2.6	92.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	2.6	92.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	2.6	92.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	2.6	92.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	2.6	92.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	2.6	92.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	2.6	92.3	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837 STATION

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	3.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 20000	3.9	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 18000	3.9	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	3.9	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	3.9	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	3.9	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	3.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 9000	3.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	3.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 7000	3.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 6000	3.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 5000	3.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	3.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	3.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500	3.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	3.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	3.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	3.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	3.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	3.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	3.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	3.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	3.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	3.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	3.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	3.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	3.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	3.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	3.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	3.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	3.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	3.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

93837

JACKSONVILLE, FLORIDA

73-77

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	3.1	55.1	56.8	57.6	57.7	57.8	57.9	57.9	57.9	57.9	58.0	58.0
≥ 20000	3.8	68.1	70.2	71.1	71.3	71.4	71.5	71.5	71.5	71.5	71.6	71.6
AI 18000	3.8	68.1	70.2	71.1	71.3	71.4	71.5	71.5	71.5	71.5	71.6	71.6
AI 16000	3.8	68.1	70.2	71.1	71.3	71.4	71.5	71.5	71.5	71.5	71.6	71.6
AI 14000	3.8	68.3	70.4	71.4	71.5	71.6	71.7	71.7	71.7	71.7	71.9	71.9
AI 12000	4.0	69.5	71.6	72.7	72.8	72.9	73.0	73.0	73.0	73.0	73.2	73.2
AI 10000	4.0	72.4	74.6	75.8	76.0	76.1	76.2	76.2	76.2	76.2	76.4	76.4
AI 9000	4.0	72.7	74.9	76.1	76.3	76.4	76.5	76.5	76.5	76.5	76.7	76.7
AI 8000	4.0	76.9	79.3	80.7	80.8	80.9	81.1	81.1	81.1	81.1	81.2	81.2
AI 7000	4.0	77.9	80.2	81.6	81.8	81.9	82.0	82.0	82.0	82.0	82.2	82.2
AI 6000	4.0	78.0	80.3	81.7	81.9	81.9	82.1	82.1	82.1	82.1	82.3	82.3
AI 5000	4.0	78.1	80.4	81.8	81.9	82.0	82.2	82.2	82.2	82.2	82.3	82.3
AI 4500	4.0	78.2	80.6	81.9	82.1	82.2	82.3	82.3	82.3	82.3	82.5	82.5
AI 4000	4.0	80.1	82.7	84.3	84.4	84.5	84.7	84.7	84.7	84.7	84.8	84.8
AI 3500	4.0	80.8	83.5	85.1	85.2	85.3	85.5	85.5	85.5	85.5	85.7	85.7
AI 3000	4.0	82.7	85.4	87.2	87.3	87.4	87.6	87.6	87.6	87.6	87.7	87.7
AI 2500	4.1	85.7	88.8	90.8	91.1	91.1	91.3	91.3	91.3	91.3	91.5	91.5
AI 2000	4.3	88.4	91.7	93.7	94.0	94.1	94.3	94.3	94.3	94.3	94.4	94.4
AI 1800	4.3	88.4	91.7	93.7	94.0	94.1	94.3	94.3	94.3	94.3	94.4	94.4
AI 1500	4.4	89.9	93.5	95.7	95.1	96.1	96.3	96.3	96.3	96.3	96.5	96.5
AI 1200	4.4	90.5	94.1	96.4	96.8	96.9	97.1	97.1	97.1	97.1	97.3	97.3
AI 1000	4.4	91.0	94.7	97.2	97.7	97.8	98.2	98.2	98.2	98.2	98.3	98.3
AI 900	4.4	91.0	94.7	97.2	97.7	97.8	98.2	98.2	98.2	98.2	98.3	98.3
AI 800	4.4	91.1	94.9	97.6	98.1	98.2	98.6	98.6	98.6	98.6	98.8	98.8
AI 700	4.4	91.3	95.1	97.8	98.3	98.5	99.0	99.0	99.0	99.0	99.1	99.1
AI 600	4.4	91.4	95.2	97.9	98.4	98.6	99.0	99.0	99.0	99.0	99.2	99.2
AI 500	4.4	91.5	95.2	98.2	98.7	98.9	99.4	99.4	99.4	99.4	99.6	99.6
AI 400	4.4	91.5	95.3	98.3	98.8	99.0	99.5	99.5	99.5	99.5	99.7	99.7
AI 300	4.4	91.5	95.3	98.3	98.8	99.0	99.5	99.5	99.5	99.5	99.8	99.8
AI 200	4.4	91.5	95.3	98.3	98.8	99.0	99.6	99.6	99.6	99.6	99.9	99.9
AI 100	4.4	91.5	95.3	98.3	98.9	99.0	99.6	99.6	99.6	99.6	99.9	99.9
0	4.4	91.5	95.3	98.3	98.9	99.0	99.6	99.6	99.6	99.6	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1240

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837

JACKSONVILLE, FLORIDA

73-77

YEARS

JUN

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													≥ 0
≥ 20000		58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
18000		74.7	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
16000		74.7	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
14000		74.7	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
12000		76.0	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
10000		76.7	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
9000		80.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
8000		80.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
7000		90.0	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
6000		90.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
5000		90.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
4500		91.3	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
4000		91.3	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
3500		92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
3000		93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
2500		93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
2000		94.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
1800		95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
1500		95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
1200		96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1000		96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
900		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

JUN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)04
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING														≥ 0
≥ 20000		54.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	68.0	68.0	68.0	68.0
≥ 18000		72.0	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	76.0	76.0	76.0	76.0
≥ 16000		72.0	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	76.0	76.0	76.0	76.0
≥ 14000		72.0	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	76.0	76.0	76.0	76.0
≥ 12000		72.7	75.3	76.0	76.7	76.7	76.7	76.7	76.7	76.7	77.3	77.3	77.3	77.3
≥ 10000		78.0	80.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.7	82.7	82.7	82.7
≥ 9000		78.0	81.3	82.0	82.7	82.7	82.7	82.7	82.7	82.7	83.3	83.3	83.3	83.3
≥ 8000		88.0	91.3	92.0	92.7	92.7	92.7	92.7	92.7	92.7	93.3	93.3	93.3	93.3
≥ 7000		88.7	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	94.0	94.0	94.0	94.0
≥ 6000		88.7	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	94.0	94.0	94.0	94.0
≥ 5000		88.7	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	94.0	94.0	94.0	94.0
≥ 4500		88.7	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	94.0	94.0	94.0	94.0
≥ 4000		88.7	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	94.0	94.0	94.0	94.0
≥ 3500		88.7	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	94.0	94.0	94.0	94.0
≥ 3000		88.7	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	94.0	94.0	94.0	94.0
≥ 2500		90.0	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	95.3	95.3	95.3	95.3
≥ 2000		91.3	94.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.7	96.7	96.7	96.7
≥ 1800		91.3	94.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.7	96.7	96.7	96.7
≥ 1500		92.7	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	98.0	98.0	98.0	98.0
≥ 1200		92.7	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	98.0	98.0	98.0	98.0
≥ 1000		93.3	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7
≥ 900		93.3	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7
≥ 800		93.3	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7
≥ 700		93.3	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7
≥ 600		93.3	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0
≥ 500		93.3	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0
≥ 400		93.3	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0
≥ 300		93.3	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0
≥ 200		93.3	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0
≥ 100		93.3	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0
0		93.3	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

JACKSONVILLE, FLORIDA

73-77

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

67

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING		46.0	51.3	53.3	54.0	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000		57.3	63.3	65.3	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
AI 18000		57.3	63.3	65.3	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
AI 16000		57.3	63.3	65.3	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
AI 14000		57.3	63.3	65.3	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
AI 12000		59.3	65.3	67.3	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3
AI 10000		64.7	70.7	73.3	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
AI 9000		65.3	71.3	74.0	75.3	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0
AI 8000		72.7	78.7	82.0	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0
AI 7000		74.0	80.7	84.0	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0
AI 6000		74.0	80.7	84.0	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0
AI 5000		74.0	80.7	84.0	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0
AI 4500		74.0	80.7	84.0	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0
AI 4000		76.0	82.7	86.0	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0
AI 3500		76.7	84.0	87.3	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3
AI 3000		76.7	84.0	87.3	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3
AI 2500		78.0	85.3	88.7	90.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7
AI 2000		79.3	86.7	90.0	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0
AI 1800		79.3	86.7	90.0	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0
AI 1500		80.0	87.3	91.3	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 1200		80.0	87.3	91.3	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 1000		80.0	87.3	91.3	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 900		80.0	87.3	91.3	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 800		80.0	87.3	91.3	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 700		80.7	88.0	92.0	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0
AI 600		80.7	88.0	92.0	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0
AI 500		80.7	89.3	93.3	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3
AI 400		80.7	89.3	93.3	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3
AI 300		80.7	89.3	93.3	96.0	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
AI 200		80.7	89.3	93.3	96.0	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
AI 100		80.7	89.3	93.3	96.0	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
AI 0		80.7	89.3	93.3	96.0	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	1.3	54.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 20000	2.7	64.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 18000	2.7	64.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000	2.7	64.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	2.7	65.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 12000	2.7	66.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	2.7	70.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000	2.7	70.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	2.7	75.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	2.7	75.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	2.7	75.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	2.7	75.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4500	2.7	75.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000	2.7	75.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500	2.7	75.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3000	2.7	76.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500	2.7	82.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	2.7	86.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800	2.7	86.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	2.7	88.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	2.7	89.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	2.7	90.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	2.7	91.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	2.7	91.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	2.7	92.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	2.7	92.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	2.7	92.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	2.7	92.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	2.7	92.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 200	2.7	92.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	2.7	92.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 0	2.7	92.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS

150

12

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION 93837 JACKSONVILLE, FLORIDA 73-77 YEARS MONTH 13 HOURS (L S T) 13

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	2.0	40.0	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 20000	4.0	54.0	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000	4.0	54.0	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 16000	4.0	54.0	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	4.0	54.0	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 12000	4.0	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 10000	4.0	59.3	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 9000	4.0	60.0	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 8000	4.0	63.3	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 7000	4.0	64.0	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 6000	4.0	64.0	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 5000	4.0	64.0	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 4500	4.0	64.0	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 4000	4.0	64.0	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 3500	4.0	64.7	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 3000	4.0	69.3	70.0	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 2500	5.3	84.7	85.3	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	5.3	90.7	91.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	5.3	90.7	91.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	5.3	93.3	94.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	5.3	94.0	95.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	5.3	94.7	96.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	5.3	94.7	96.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	5.3	94.7	96.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	5.3	94.7	96.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	5.3	94.7	96.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	5.3	94.7	96.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	5.3	94.7	96.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	5.3	94.7	96.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	5.3	94.7	96.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	5.3	94.7	96.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	5.3	94.7	96.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

JUN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

16

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	2.0	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 20000	2.7	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	2.7	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 16000	2.7	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	2.7	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	2.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000	2.7	62.7	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 9000	2.7	62.7	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 8000	2.7	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 7000	2.7	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 6000	2.7	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 5000	2.7	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 4500	2.7	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 4000	2.7	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3500	2.7	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3000	2.7	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	2.7	87.3	88.7	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	2.7	90.0	92.7	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	2.7	90.0	92.7	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	2.7	92.0	94.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	2.7	92.7	95.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	2.7	92.7	96.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	2.7	92.7	96.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	2.7	92.7	96.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	2.7	92.7	96.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	2.7	92.7	96.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	2.7	92.7	96.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	2.7	92.7	96.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	2.7	92.7	96.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	2.7	92.7	96.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	2.7	92.7	96.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	2.7	92.7	96.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837 STATION

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	7	30.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 20000	7	51.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 18000	7	51.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 16000	7	51.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 14000	7	51.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 12000	7	54.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 10000	7	62.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000	7	62.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 8000	7	70.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 7000	7	73.3	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000	7	74.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	7	74.0	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4500	7	74.7	76.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4000	7	75.3	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500	7	75.3	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3000	7	76.0	78.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500	7	80.7	84.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	7	82.7	87.3	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800	7	82.7	87.3	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	7	87.3	92.0	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	7	88.7	93.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	7	90.0	94.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	7	90.0	94.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	7	90.7	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	7	90.7	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	7	90.7	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	7	90.7	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	7	90.7	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	7	90.7	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	7	90.7	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	7	90.7	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	7	90.7	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

JUN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

22

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING														
≥ 20000		47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 18000		62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000		62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000		62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000		63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000		69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000		70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 8000		83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 7000		83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000		83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000		84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500		84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000		86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500		86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000		88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500		94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000		94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800		94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500		96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

1200

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

TEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	1.3	47.8	49.4	49.9	50.0	50.0	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2
≥ 20000	1.3	51.8	63.8	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6
≥ 18000	1.3	61.8	63.8	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6
≥ 16000	1.3	61.8	63.8	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6
≥ 14000	1.3	62.1	64.0	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9
≥ 12000	1.3	63.8	65.7	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7
≥ 10000	1.3	68.3	70.3	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4
≥ 9000	1.3	68.8	70.8	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9
≥ 8000	1.3	76.5	78.6	79.4	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 7000	1.3	77.3	79.4	80.3	80.5	80.5	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7
≥ 6000	1.3	77.3	79.9	80.8	81.1	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3
≥ 5000	1.3	77.8	80.0	80.9	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	1.3	78.8	80.9	81.8	82.1	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3
≥ 4000	1.3	79.3	81.6	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
≥ 3500	1.3	81.1	83.5	84.6	85.0	85.0	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
≥ 3000	1.4	86.5	89.2	90.3	90.8	90.8	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 2500	1.4	88.8	91.8	93.2	93.8	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 2000	1.4	88.8	91.8	93.2	93.8	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 1800	1.4	88.8	91.8	93.2	93.8	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 1500	1.4	90.8	93.9	95.4	96.0	96.0	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 1200	1.4	91.5	94.7	96.2	96.8	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 1000	1.4	92.3	95.5	97.2	97.8	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 900	1.4	92.3	95.5	97.2	97.8	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 800	1.4	92.3	95.7	97.4	98.0	98.0	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 700	1.4	92.6	95.8	97.7	98.3	98.3	98.4	98.6	98.6	98.6	98.8	98.8	98.8	98.8
≥ 600	1.4	92.6	96.1	97.9	98.5	98.5	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.0
≥ 500	1.4	92.6	96.2	98.0	98.6	98.6	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3
≥ 400	1.4	92.6	96.2	98.0	98.6	98.6	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3
≥ 300	1.4	92.6	96.2	98.0	98.8	98.8	98.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5
≥ 200	1.4	92.6	96.2	98.0	98.8	98.8	98.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5
≥ 100	1.4	92.6	96.2	98.0	98.8	98.8	98.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5
0	1.4	92.6	96.2	98.0	98.8	98.8	98.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

1200

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

JUL
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)01
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000		83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 16000		83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 14000		84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 12000		85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 10000		85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 9000		91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 8000		91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 7000		96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 6000		96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 5000		96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500		98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000		98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800		98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500		98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200		99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

1225 5421

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

92837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000		75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 18000		86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 16000		86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 14000		87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 12000		87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 10000		93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 9000		93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 8000		95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 7000		95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 6000		96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 5000		96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500		96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000		96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION 93837

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING														≥ 0
≥ 20000		50.3	58.1	63.2	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
18000		55.5	63.9	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
16000		55.5	63.9	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
14000		56.8	65.2	71.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
12000		57.4	65.8	72.3	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
10000		67.7	77.4	83.9	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
9000		67.7	78.1	84.5	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
8000		72.3	82.6	89.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
7000		72.3	82.6	89.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
6000		72.3	82.6	89.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
5000		72.3	82.6	89.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
4500		72.3	82.6	89.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
4000		72.3	82.6	89.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
3500		72.3	82.6	89.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
3000		72.9	83.2	90.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
2500		73.6	83.9	91.0	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2000		74.2	84.5	91.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
1800		74.8	85.2	92.3	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1500		75.5	85.8	92.9	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1200		76.8	87.1	94.2	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
1000		76.8	87.1	94.2	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
900		77.4	87.7	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
800		77.4	87.7	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
700		77.4	87.7	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
600		77.4	88.4	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500		77.4	88.4	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400		77.4	88.4	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300		77.4	88.4	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200		77.4	88.4	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100		77.4	88.4	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		77.4	88.4	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837

JACKSONVILLE, FLORIDA

73-77

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

10

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 18000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 16000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 14000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 12000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 10000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 9000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 8000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 7000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 6000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 5000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 4500	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 4000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 3500	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 3000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 2500	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 2000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 1800	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 1600	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 1400	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 1200	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 1000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 900	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 800	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 700	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 600	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 500	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 400	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 300	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 200	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 100	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

93837
STATION

JACKSONVILLE, FLORIDA

STATION NAME

73-77

YEARS

JUL

MONTH

13

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	1.9	42.6	43.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000	1.9	53.6	54.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 18000	1.9	53.6	54.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	1.9	53.6	54.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	1.9	53.6	54.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 12000	1.9	55.5	56.8	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 10000	1.9	60.0	61.3	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000	1.9	60.7	61.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 8000	1.9	63.9	65.8	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	1.9	63.9	65.8	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 6000	1.9	63.9	65.8	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 5000	1.9	64.5	66.5	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4500	1.9	64.5	66.5	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4000	1.9	65.2	67.1	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3500	1.9	66.5	68.4	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3000	1.9	73.6	75.5	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500	2.6	82.6	85.8	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	3.2	86.5	90.3	92.3	92.9	93.6	93.6	93.6	94.2	94.2	94.2
≥ 1800	3.2	86.5	90.3	92.3	92.9	93.6	93.6	93.6	94.2	94.2	94.2
≥ 1500	3.2	89.0	93.0	95.5	96.1	96.8	96.8	96.8	97.4	97.4	97.4
≥ 1200	3.2	91.0	95.5	97.4	98.1	98.7	98.7	98.7	99.4	99.4	99.4
≥ 1000	3.2	91.0	96.1	98.1	98.7	99.4	99.4	99.4	100.0	100.0	100.0
≥ 900	3.2	91.0	96.1	98.1	98.7	99.4	99.4	99.4	100.0	100.0	100.0
≥ 800	3.2	91.0	96.1	98.1	98.7	99.4	99.4	99.4	100.0	100.0	100.0
≥ 700	3.2	91.0	96.1	98.1	98.7	99.4	99.4	99.4	100.0	100.0	100.0
≥ 600	3.2	91.0	96.1	98.1	98.7	99.4	99.4	99.4	100.0	100.0	100.0
≥ 500	3.2	91.0	96.1	98.1	98.7	99.4	99.4	99.4	100.0	100.0	100.0
≥ 400	3.2	91.0	96.1	98.1	98.7	99.4	99.4	99.4	100.0	100.0	100.0
≥ 300	3.2	91.0	96.1	98.1	98.7	99.4	99.4	99.4	100.0	100.0	100.0
≥ 200	3.2	91.0	96.1	98.1	98.7	99.4	99.4	99.4	100.0	100.0	100.0
≥ 100	3.2	91.0	96.1	98.1	98.7	99.4	99.4	99.4	100.0	100.0	100.0
≥ 0	3.2	91.0	96.1	98.1	98.7	99.4	99.4	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837

JACKSONVILLE, FLORIDA

73-77

JUL

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	1.9	29.7	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 20000	1.9	47.7	48.4	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
AI 18000	1.9	47.7	48.4	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
AI 16000	1.9	47.7	48.4	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
AI 14000	1.9	47.7	48.4	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
AI 12000	1.9	49.0	49.7	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
AI 10000	1.9	54.8	55.5	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
AI 9000	1.9	55.5	56.1	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
AI 8000	1.9	61.3	62.6	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
AI 7000	1.9	63.2	64.5	65.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
AI 6000	1.9	63.2	64.5	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
AI 5000	1.9	63.9	65.2	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
AI 4500	1.9	64.5	65.8	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
AI 4000	1.9	66.5	68.4	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
AI 3500	1.9	69.0	71.0	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
AI 3000	1.9	76.1	78.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
AI 2500	3.2	86.5	90.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
AI 2000	3.2	89.0	93.6	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 1800	3.2	89.0	93.6	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 1500	3.2	89.7	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 1200	3.2	90.3	94.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 1000	3.2	90.3	94.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 900	3.2	90.3	94.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 800	3.2	90.3	94.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 700	3.2	90.3	94.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 600	3.2	90.3	94.8	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 500	3.2	90.3	94.8	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 400	3.2	90.3	94.8	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 300	3.2	90.3	94.8	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 200	3.2	90.3	94.8	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 100	3.2	90.3	94.8	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 0	3.2	90.3	94.8	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

STATION
93837

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	1.9	31.0	32.3	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 20000	2.6	56.8	59.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	2.6	56.8	59.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	2.6	56.8	59.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	2.6	56.8	59.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000	2.6	62.6	65.2	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	2.6	68.4	71.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 9000	2.6	68.4	71.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 8000	2.6	78.1	82.6	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 7000	2.6	80.0	84.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 6000	2.6	80.0	84.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 5000	2.6	81.3	85.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	2.6	81.3	85.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	2.6	81.9	86.5	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500	2.6	82.6	87.1	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	2.6	84.5	89.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	2.6	86.5	91.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	2.6	87.1	91.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	2.6	87.1	91.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	2.6	87.7	92.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	2.6	88.4	92.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	2.6	88.4	92.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	2.6	88.4	92.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	2.6	89.0	93.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	2.6	89.0	93.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	2.6	89.0	93.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	2.6	89.0	93.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	2.6	89.0	93.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	2.6	89.0	93.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	2.6	89.0	93.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	2.6	89.0	93.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	2.6	89.0	93.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

72-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	.7	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	.7	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
18000	.7	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 16000	.7	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
14000	.7	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	.7	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
10000	.7	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 9000	.7	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
8000	.7	89.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	.7	89.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
6000	.7	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 5000	.7	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
4500	.7	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000	.7	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
3500	.7	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	.7	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
2500	.7	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	.7	96.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

135

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	50.2	51.9	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 20000	1.0	64.8	66.9	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	1.0	64.8	66.9	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000	1.0	64.8	66.9	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	1.0	65.2	67.3	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 12000	1.0	66.8	68.9	70.6	71.0	71.1	71.1	71.1	71.1	71.1	71.1
≥ 10000	1.0	73.7	76.1	78.0	78.4	78.5	78.5	78.5	78.5	78.5	78.5
≥ 9000	1.0	74.0	76.5	78.5	78.9	79.0	79.0	79.0	79.0	79.0	79.0
8000	1.0	79.4	82.3	84.4	84.8	84.9	84.9	84.9	84.9	84.9	84.9
7000	1.0	79.9	82.8	84.9	85.4	85.5	85.5	85.5	85.5	85.5	85.5
6000	1.0	80.1	83.0	85.1	85.6	85.7	85.7	85.7	85.7	85.7	85.7
5000	1.0	80.5	83.4	85.5	86.0	86.1	86.1	86.1	86.1	86.1	86.1
4500	1.0	80.7	83.6	85.7	86.1	86.2	86.2	86.2	86.2	86.2	86.2
4000	1.0	81.4	84.4	86.5	87.0	87.1	87.1	87.1	87.1	87.1	87.1
3500	1.0	82.3	85.2	87.4	87.9	88.0	88.0	88.0	88.0	88.0	88.0
3000	1.0	84.5	87.6	89.8	90.3	90.4	90.4	90.4	90.4	90.4	90.4
2500	1.4	88.8	92.2	94.4	94.9	95.0	95.0	95.0	95.0	95.0	95.0
2000	1.5	90.5	94.0	96.5	97.1	97.3	97.3	97.3	97.3	97.3	97.3
1800	1.5	90.6	94.1	96.5	97.2	97.3	97.3	97.3	97.3	97.3	97.3
1500	1.5	91.3	94.9	97.4	98.2	98.3	98.3	98.3	98.3	98.3	98.3
1200	1.5	92.0	95.7	98.2	98.9	99.0	99.0	99.0	99.0	99.0	99.0
1000	1.5	92.0	95.7	98.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2
900	1.5	92.0	95.7	98.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2
800	1.5	92.2	95.9	98.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4
700	1.5	92.2	95.9	98.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4
600	1.5	92.3	96.1	98.7	99.5	99.7	99.8	99.8	99.8	99.8	99.8
500	1.5	92.3	96.1	98.7	99.5	99.7	99.8	99.8	99.8	99.8	99.8
400	1.5	92.3	96.1	98.7	99.5	99.7	99.8	99.8	99.8	99.8	99.8
300	1.5	92.3	96.1	98.7	99.5	99.7	99.8	99.8	99.8	99.8	99.8
200	1.5	92.3	96.1	98.7	99.5	99.7	99.8	99.8	99.8	99.8	99.8
100	1.5	92.3	96.1	98.7	99.5	99.7	99.8	99.8	99.8	99.8	99.8
0	1.5	92.3	96.1	98.7	99.5	99.7	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1240

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING													
≥ 20000		60.7	62.6	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 18000		74.8	76.8	77.4	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000		74.8	76.8	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000		74.8	76.8	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 12000		76.1	78.1	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 10000		78.1	80.0	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000		83.9	85.8	86.5	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 8000		85.2	87.1	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 7000		90.3	92.3	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 6000		91.0	92.9	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000		91.6	93.6	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4500		91.6	93.6	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4000		92.3	94.2	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3500		92.3	94.2	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3000		92.3	94.2	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500		93.6	95.5	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000		94.8	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800		94.8	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500		94.8	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200		94.8	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000		94.8	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900		94.8	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800		94.8	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700		95.5	97.4	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		96.1	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		96.1	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		96.1	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		96.1	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200		96.1	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100		96.1	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0		96.1	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

AUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

04

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING		76.8	77.4	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 20000		80.0	80.7	83.2	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 18000		80.0	80.7	83.2	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 16000		80.0	80.7	83.2	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 14000		80.0	80.7	83.2	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 12000		80.7	81.3	83.9	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 10000		83.9	84.5	87.1	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 9000		84.5	85.2	87.7	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 8000		88.4	89.0	92.3	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 7000		88.4	89.0	92.3	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 6000		88.4	89.0	92.3	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 5000		88.4	89.0	92.3	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4500		88.4	89.0	92.3	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4000		89.0	89.7	92.9	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500		89.0	89.7	92.9	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000		89.0	89.7	92.9	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500		89.7	90.3	93.6	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000		89.7	90.3	93.6	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800		89.7	90.3	93.6	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500		91.0	91.6	94.8	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200		91.0	91.6	94.8	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000		92.3	92.9	96.1	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900		92.3	92.9	96.1	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800		92.3	92.9	96.1	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700		92.3	92.9	96.1	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600		92.3	92.9	96.1	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500		93.6	94.2	97.4	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		93.6	94.2	97.4	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		93.6	94.2	97.4	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200		93.6	94.2	97.4	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100		93.6	94.2	97.4	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0		93.6	94.2	97.4	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

2

18190 54221

7225

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837

JACKSONVILLE, FLORIDA

73-77

AUG

STATION

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOUTH

07

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	1.3	56.1	61.3	64.5	66.5	66.5	67.1	67.1	67.7	67.7	67.7	67.7
≥ 20000	1.3	63.2	69.0	74.8	76.8	76.8	77.4	77.4	78.7	78.7	78.7	78.7
≥ 18000	1.3	63.2	69.0	74.8	76.8	76.8	77.4	77.4	78.7	78.7	78.7	78.7
≥ 16000	1.3	63.2	69.0	74.8	76.8	76.8	77.4	77.4	78.7	78.7	78.7	78.7
≥ 14000	1.3	64.5	70.3	76.1	78.1	78.1	78.7	78.7	80.0	80.0	80.0	80.0
≥ 12000	1.3	67.1	72.9	78.7	80.7	80.7	81.3	81.3	82.6	82.6	82.6	82.6
≥ 10000	1.3	70.3	76.1	83.2	85.2	85.2	85.8	85.8	87.1	87.1	87.1	87.1
≥ 9000	1.3	71.0	76.8	83.9	85.8	85.8	86.5	86.5	87.7	87.7	87.7	87.7
≥ 8000	1.3	75.5	81.3	88.4	90.3	90.3	91.0	91.0	92.3	92.3	92.3	92.3
≥ 7000	1.3	75.5	81.3	88.4	90.3	90.3	91.0	91.0	92.3	92.3	92.3	92.3
≥ 6000	1.3	75.5	81.3	88.4	90.3	90.3	91.0	91.0	92.3	92.3	92.3	92.3
≥ 5000	1.3	75.5	81.3	88.4	90.3	90.3	91.0	91.0	92.3	92.3	92.3	92.3
≥ 4500	1.3	75.5	81.3	88.4	90.3	90.3	91.0	91.0	92.3	92.3	92.3	92.3
≥ 4000	1.3	75.5	81.3	88.4	90.3	90.3	91.0	91.0	92.3	92.3	92.3	92.3
≥ 3500	1.3	76.1	81.9	89.0	91.0	91.0	91.6	91.6	92.9	92.9	92.9	92.9
≥ 3000	1.3	77.4	83.2	90.3	92.3	92.3	92.9	92.9	94.2	94.2	94.2	94.2
≥ 2500	1.3	78.1	83.9	91.0	92.9	92.9	93.6	93.6	94.8	94.8	94.8	94.8
≥ 2000	1.3	78.7	84.5	91.6	93.6	93.6	94.2	94.2	95.5	95.5	95.5	95.5
≥ 1800	1.3	78.7	84.5	91.6	93.6	93.6	94.2	94.2	95.5	95.5	95.5	95.5
≥ 1500	1.3	78.7	84.5	91.6	93.6	93.6	94.2	94.2	95.5	95.5	95.5	95.5
≥ 1200	1.3	78.7	84.5	91.6	93.6	93.6	94.2	94.2	95.5	95.5	95.5	95.5
≥ 1000	1.3	79.4	85.2	92.9	94.8	94.8	96.1	96.1	97.4	97.4	97.4	97.4
≥ 900	1.3	79.4	85.2	92.9	94.8	94.8	96.1	96.1	97.4	97.4	97.4	97.4
≥ 800	1.3	79.4	85.2	92.9	94.8	94.8	96.1	96.1	97.4	97.4	97.4	97.4
≥ 700	1.3	80.0	85.8	93.6	95.5	95.5	96.8	96.8	98.1	98.1	98.1	98.1
≥ 600	1.3	80.7	87.1	94.8	96.8	96.8	98.1	98.1	99.4	99.4	99.4	99.4
≥ 500	1.3	80.7	87.1	94.8	96.8	96.8	98.1	98.1	99.4	99.4	99.4	99.4
≥ 400	1.3	80.7	87.1	94.8	96.8	96.8	98.1	98.1	99.4	99.4	99.4	99.4
≥ 300	1.3	80.7	87.1	94.8	96.8	96.8	98.1	98.1	99.4	99.4	99.4	99.4
≥ 200	1.3	80.7	87.1	94.8	96.8	96.8	98.1	98.1	99.4	99.4	99.4	99.4
≥ 100	1.3	80.7	87.1	94.8	96.8	96.8	98.1	98.1	99.4	99.4	99.4	99.4
0	1.3	80.7	87.1	94.8	96.8	96.8	98.1	98.1	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION
93837

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	1.9	52.3	54.2	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000	1.9	64.5	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	1.9	64.5	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000	1.9	64.5	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 14000	1.9	64.5	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	1.9	65.2	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 10000	2.6	69.7	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	2.6	70.3	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
8000	2.6	73.6	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
7000	2.6	74.2	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
6000	2.6	74.2	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
5000	2.6	74.2	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
4500	2.6	74.2	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
4000	2.6	74.2	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
3500	2.6	76.8	80.7	81.3	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
3000	3.2	79.4	83.2	83.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
2500	3.2	83.2	87.7	88.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
2000	3.2	88.4	92.9	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1800	3.2	88.4	92.9	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1500	3.2	90.3	94.8	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1200	3.2	91.0	95.5	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1000	3.2	92.3	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	3.2	92.3	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	3.2	92.3	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	3.2	92.3	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	3.2	92.3	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	3.2	92.3	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	3.2	92.3	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	3.2	92.3	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	3.2	92.3	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	3.2	92.3	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	3.2	92.3	96.8	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

125

DIRNAVOCEANMET SMOS

2

17295 08181

2225

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	2.6	33.6	33.6	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 20000	3.9	43.2	43.9	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
18000	3.9	43.2	43.9	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
16000	3.9	43.2	43.9	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
14000	3.9	43.9	44.5	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
12000	3.9	45.8	46.5	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
10000	3.9	52.3	52.9	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
9000	3.9	52.3	52.9	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
8000	3.9	55.5	56.8	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
7000	3.9	56.1	57.4	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
6000	3.9	56.1	57.4	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
5000	3.9	56.1	57.4	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
4500	3.9	58.1	59.4	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
4000	3.9	60.0	61.9	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
3500	4.5	67.7	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
3000	4.5	80.7	84.5	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
2500	4.5	90.3	94.2	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
2000	4.5	91.0	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1800	4.5	92.9	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1500	4.5	92.9	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	4.5	92.9	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	4.5	92.9	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	4.5	92.9	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	4.5	92.9	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	4.5	92.9	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	4.5	92.9	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	4.5	92.9	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	4.5	92.9	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	4.5	92.9	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	4.5	92.9	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	4.5	92.9	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	4.5	92.9	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

AUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)16
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	1.9	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 20000	1.9	51.0	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 18000	1.9	51.0	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 16000	1.9	51.0	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 14000	1.9	51.6	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 12000	1.9	53.6	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 10000	1.9	56.8	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 9000	1.9	58.1	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 8000	1.9	66.5	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	1.9	66.5	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 6000	1.9	66.5	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 5000	1.9	66.5	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 4500	1.9	67.1	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4000	1.9	68.4	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3500	1.9	71.0	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3000	1.9	73.6	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2500	1.9	81.3	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	2.6	89.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	2.6	89.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	2.6	91.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	2.6	91.6	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	2.6	91.6	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	2.6	91.6	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	2.6	91.6	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	2.6	91.6	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	2.6	91.6	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	2.6	92.3	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	2.6	92.3	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	2.6	92.3	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	2.6	92.3	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	2.6	92.3	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	2.6	92.3	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837 STATION
JACKSONVILLE, FLORIDA
73-77 YEARS
AUG NORTH
19 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16
NO CEILING	29.0	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 20000	54.8	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	54.8	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	54.8	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	56.8	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 12000	58.7	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000	67.7	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 9000	67.7	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 8000	76.1	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	77.4	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000	77.4	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 5000	78.7	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	78.7	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	81.3	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500	81.3	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000	83.9	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	85.8	92.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	87.7	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	87.7	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	88.4	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	88.4	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	89.0	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	89.7	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	89.7	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	89.7	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	89.7	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	89.7	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	89.7	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	89.7	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	89.7	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.7	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	89.7	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

AUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)22
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING														
≥ 20000		50.3	50.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000		64.5	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 16000		64.5	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 14000		64.5	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000		65.2	65.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000		66.5	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000		76.8	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000		77.4	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000		88.4	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 6000		89.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 5000		90.3	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4500		90.3	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000		91.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500		91.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000		91.6	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500		92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000		95.5	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800		96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500		96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200		97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000		97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900		97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700		98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200		98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100		98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0		98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	1.0	48.8	50.1	51.0	51.4	51.4	51.6	51.6	51.6	51.7	51.7	51.7
≥ 20000	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 18000	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 16000	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 14000	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 12000	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 10000	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 9000	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 8000	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 7000	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 6000	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 5000	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 4500	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 4000	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 3500	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 3000	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 2500	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 2000	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 1800	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 1500	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 1200	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 1000	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 900	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 800	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 700	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 600	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 500	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 400	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 300	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 200	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 100	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3
≥ 0	1.1	62.0	63.9	65.4	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.3

TOTAL NUMBER OF OBSERVATIONS

1240

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

SEP
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

01

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	7	91.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 20000	7	71.3	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	7	71.3	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000	7	71.3	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	7	71.3	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000	7	72.0	73.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 10000	7	74.0	75.3	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 9000	7	75.3	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	7	81.3	82.7	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 7000	7	81.3	82.7	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000	7	81.3	82.7	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000	7	81.3	82.7	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4500	7	82.0	83.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4000	7	86.0	87.3	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	7	86.0	87.3	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000	7	87.3	88.7	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	7	89.3	90.7	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	7	90.7	92.0	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	7	91.3	92.7	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	7	93.3	94.7	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	7	93.3	96.0	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	7	93.3	96.0	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	7	93.3	96.0	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	7	94.7	97.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	7	94.7	97.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	7	94.7	97.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	7	94.7	97.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	7	95.3	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	7	95.3	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	7	95.3	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7	95.3	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	7	95.3	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

SEP
MONTH

04

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING		69.3	70.0	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 20000	.7	74.0	74.7	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	.7	74.0	74.7	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	.7	74.0	74.7	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	.7	74.0	74.7	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 12000	.7	75.3	76.0	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 10000	.7	76.0	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	.7	76.7	77.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000	.7	83.3	84.0	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 7000	.7	83.3	84.0	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 6000	.7	83.3	84.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000	.7	83.3	84.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	.7	83.3	84.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000	.7	86.0	86.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500	.7	86.7	87.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	.7	87.3	88.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	.7	88.0	88.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	.7	89.3	90.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	.7	90.0	90.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	.7	92.0	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	.7	92.0	92.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	.7	92.0	92.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	.7	92.0	92.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	.7	92.0	93.3	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	.7	92.0	93.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	.7	92.7	94.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	.7	92.7	94.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	.7	93.3	94.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	.7	93.3	94.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	.7	93.3	94.7	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	.7	93.3	94.7	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	.7	93.3	94.7	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

SEP
MONTH

07

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING		42.0	52.0	57.3	58.7	58.7	60.0	62.0	62.0	62.0	62.7	62.7	62.7
≥ 20000		46.0	58.0	64.0	66.0	66.0	67.3	69.3	69.3	69.3	70.0	70.0	70.0
≥ 18000		46.0	58.0	64.0	66.0	66.0	67.3	69.3	69.3	69.3	70.0	70.0	70.0
≥ 16000		46.0	58.0	64.0	66.0	66.0	67.3	69.3	69.3	69.3	70.0	70.0	70.0
≥ 14000		46.0	58.0	64.0	66.0	66.0	67.3	69.3	69.3	69.3	70.0	70.0	70.0
≥ 12000		46.0	60.0	66.0	68.0	68.0	69.3	71.3	71.3	71.3	72.0	72.0	72.0
≥ 10000		50.7	63.3	70.0	72.0	72.0	73.3	75.3	75.3	75.3	76.0	76.0	76.0
≥ 9000		52.0	64.7	71.3	73.3	73.3	74.7	76.7	76.7	76.7	77.3	77.3	77.3
≥ 8000		57.3	70.0	76.7	79.3	79.3	80.7	82.7	82.7	82.7	83.3	83.3	83.3
≥ 7000		57.3	70.0	76.7	79.3	79.3	80.7	82.7	82.7	82.7	83.3	83.3	83.3
≥ 6000		57.3	70.0	76.7	79.3	79.3	80.7	82.7	82.7	82.7	83.3	83.3	83.3
≥ 5000		58.0	70.7	77.3	80.0	80.0	81.3	83.3	83.3	83.3	84.0	84.0	84.0
≥ 4500		58.7	71.3	78.0	80.7	80.7	82.0	84.0	84.0	84.0	84.7	84.7	84.7
≥ 4000		60.7	73.3	80.0	82.7	82.7	84.0	86.0	86.0	86.0	87.3	87.3	87.3
≥ 3500		60.7	73.3	80.0	82.7	82.7	84.0	86.0	86.0	86.0	87.3	87.3	87.3
≥ 3000		60.7	73.3	80.0	82.7	82.7	84.0	86.0	86.0	86.0	87.3	87.3	87.3
≥ 2500		62.7	75.3	82.7	85.3	85.3	87.3	90.0	90.0	90.0	90.7	90.7	90.7
≥ 2000		63.3	76.0	83.3	86.0	86.0	87.3	90.0	90.0	90.0	91.3	91.3	91.3
≥ 1800		63.3	76.0	83.3	86.0	86.0	87.3	90.0	90.0	90.0	91.3	91.3	91.3
≥ 1500		64.0	76.7	84.0	86.7	86.7	88.0	91.3	91.3	91.3	92.0	92.0	92.0
≥ 1200		64.7	77.3	85.3	88.0	88.0	90.0	92.7	92.7	92.7	93.3	93.3	93.3
≥ 1000		64.7	78.0	86.0	89.3	89.3	91.3	94.7	94.7	94.7	95.3	95.3	95.3
≥ 900		64.7	78.0	86.0	89.3	89.3	91.3	94.7	94.7	94.7	95.3	95.3	95.3
≥ 800		65.3	78.7	86.7	90.0	90.0	92.0	95.3	95.3	95.3	96.0	96.0	96.0
≥ 700		66.0	79.3	88.0	91.3	91.3	93.3	96.7	96.7	96.7	97.3	97.3	97.3
≥ 600		66.0	79.3	88.7	92.0	92.0	94.0	97.3	97.3	97.3	98.0	98.0	98.0
≥ 500		66.0	79.3	88.7	92.0	92.0	94.0	98.0	98.0	98.0	98.7	98.7	98.7
≥ 400		66.0	79.3	88.7	92.0	92.0	94.0	98.0	98.0	98.0	98.7	98.7	98.7
≥ 300		66.0	79.3	88.7	92.0	92.0	94.0	98.0	98.0	98.0	98.7	98.7	98.7
≥ 200		66.0	79.3	88.7	92.0	92.0	94.0	98.0	98.0	98.0	98.7	98.7	98.7
≥ 100		66.0	79.3	88.7	92.0	92.0	94.0	98.0	98.0	98.0	98.7	98.7	98.7
≥ 0		66.0	79.3	88.7	92.0	92.0	94.0	98.0	98.0	98.0	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

SEP
MONTH

10
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING		45.3	48.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000		52.7	56.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000		52.7	56.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 16000		52.7	56.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 14000		52.7	56.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 12000		54.0	57.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 10000		59.3	63.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000		59.3	63.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 8000		65.3	70.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 7000		65.3	70.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 6000		65.3	70.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000		65.3	71.3	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4500		65.3	71.3	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000		65.3	72.0	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3500		65.3	72.0	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000		66.0	72.7	76.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2500	.7	71.3	78.0	82.0	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	.7	75.3	82.0	86.0	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1800	.7	75.3	82.0	86.0	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1500	.7	80.0	86.7	90.7	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	.7	80.7	87.3	91.3	92.7	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	.7	81.3	88.0	92.7	94.0	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	.7	82.0	88.7	94.0	95.3	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	.7	82.0	88.7	94.7	96.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	.7	82.0	88.7	94.7	96.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	.7	82.7	89.3	95.3	96.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	.7	83.3	90.0	96.0	97.3	98.0	99.3	99.3	99.3	99.3	100.0	100.0	100.0
≥ 400	.7	83.3	90.0	96.0	97.3	98.0	99.3	99.3	99.3	99.3	100.0	100.0	100.0
≥ 300	.7	83.3	90.0	96.0	97.3	98.0	99.3	99.3	99.3	99.3	100.0	100.0	100.0
≥ 200	.7	83.3	90.0	96.0	97.3	98.0	99.3	99.3	99.3	99.3	100.0	100.0	100.0
≥ 100	.7	83.3	90.0	96.0	97.3	98.0	99.3	99.3	99.3	99.3	100.0	100.0	100.0
0	.7	83.3	90.0	96.0	97.3	98.0	99.3	99.3	99.3	99.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	7	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 20000	7	50.7	50.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 18000	7	51.3	51.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 16000	7	51.3	51.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 14000	7	51.3	51.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 12000	7	51.3	51.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 10000	7	56.7	57.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 9000	7	56.7	57.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 8000	7	62.0	62.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 7000	7	62.7	63.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
6000	7	63.3	64.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
5000	7	63.3	64.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
4500	7	63.3	64.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
4000	7	64.0	64.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
3500	7	66.7	67.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
3000	1.3	71.3	73.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
2500	2.0	79.3	81.3	84.7	85.3	85.3	85.3	85.3	85.3	85.3	86.0	86.0	86.0
2000	2.0	84.0	86.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	91.3	91.3	91.3
1800	2.0	84.0	86.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	91.3	91.3	91.3
1500	2.0	87.3	91.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.7	96.7	96.7
1200	2.0	89.3	93.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7
1000	2.0	89.3	93.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7
900	2.0	89.3	93.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7
800	2.0	89.3	93.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7
700	2.0	89.3	93.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7
600	2.0	89.3	93.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	99.3	99.3	99.3
500	2.0	89.3	93.3	98.0	98.7	98.7	98.7	98.7	98.7	99.3	100.0	100.0	100.0
400	2.0	89.3	93.3	98.0	98.7	98.7	98.7	98.7	98.7	99.3	100.0	100.0	100.0
300	2.0	89.3	93.3	98.0	98.7	98.7	98.7	98.7	98.7	99.3	100.0	100.0	100.0
200	2.0	89.3	93.3	98.0	98.7	98.7	98.7	98.7	98.7	99.3	100.0	100.0	100.0
100	2.0	89.3	93.3	98.0	98.7	98.7	98.7	98.7	98.7	99.3	100.0	100.0	100.0
0	2.0	89.3	93.3	98.0	98.7	98.7	98.7	98.7	98.7	99.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

1219454121

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837

JACKSONVILLE, FLORIDA

73-77

SEP

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	2.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 20000	2.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 18000	2.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 16000	2.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 14000	2.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 12000	2.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 10000	2.7	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000	2.7	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	2.7	70.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 7000	2.7	72.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000	2.7	72.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 5000	2.7	74.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4500	2.7	74.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4000	2.7	76.0	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3500	2.7	78.0	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3000	3.3	79.3	82.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	3.3	85.3	88.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	3.3	86.7	90.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	3.3	86.7	90.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	3.3	88.0	92.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	3.3	88.7	93.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	3.3	88.7	93.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	3.3	88.7	93.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	3.3	89.3	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	3.3	90.0	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	3.3	90.0	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	3.3	90.0	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	3.3	90.0	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	3.3	90.0	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	3.3	90.0	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	3.3	90.0	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	3.3	90.0	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

STATION
93837

JACKSONVILLE, FLORIDA

73-77

YEARS

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH
19

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	2.7	36.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 20000	2.7	54.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 18000	2.7	54.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 16000	2.7	54.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	2.7	54.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 12000	2.7	54.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 10000	2.7	62.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 9000	2.7	64.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	2.7	74.0	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000	2.7	76.0	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	2.7	76.0	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	2.7	77.3	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	2.7	77.3	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	2.7	79.3	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	2.7	80.0	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	2.7	80.7	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	2.7	82.7	86.0	86.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	2.7	84.0	88.0	88.0	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	2.7	84.0	88.0	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	2.7	87.3	91.3	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	2.7	88.7	92.7	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	2.7	88.7	92.7	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	2.7	88.7	92.7	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	2.7	89.3	93.3	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	2.7	89.3	94.0	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	2.7	89.3	94.0	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	2.7	90.0	94.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	2.7	90.0	94.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	2.7	90.0	94.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	2.7	90.0	94.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	2.7	90.0	94.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
0	2.7	90.0	94.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

SEP
MONTH

22

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 0
NO CEILING	.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 18000	.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 16000	.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 14000	.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 9000	.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 6000	.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4500	.7	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	.7	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	.7	86.7	86.7	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000	.7	87.3	87.3	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500	.7	88.7	88.7	89.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2000	.7	90.7	90.7	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	.7	91.3	91.3	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	.7	96.0	96.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	.7	96.0	96.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	.7	96.0	96.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	.7	96.0	96.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	.7	96.0	96.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	.7	96.0	96.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	.7	96.0	96.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	.7	96.0	96.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	.7	96.0	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	.7	96.0	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	.7	96.0	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	.7	96.0	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	.7	96.0	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93937
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

SEP
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	0.8	47.4	49.6	50.5	50.8	50.8	50.9	51.2	51.2	51.2	51.3	51.3
≥ 20000	1.0	58.9	61.3	62.6	63.0	63.0	63.2	63.4	63.4	63.4	63.5	63.5
≥ 18000	1.0	59.0	61.4	62.7	63.1	63.1	63.3	63.5	63.5	63.5	63.6	63.6
≥ 16000	1.0	59.0	61.4	62.7	63.1	63.1	63.3	63.5	63.5	63.5	63.6	63.6
≥ 14000	1.0	59.0	61.4	62.7	63.1	63.1	63.3	63.5	63.5	63.5	63.6	63.6
≥ 12000	1.0	60.3	62.7	63.9	64.3	64.3	64.5	64.6	64.8	64.8	64.8	64.8
≥ 10000	1.0	64.2	67.0	68.5	68.9	68.9	69.1	69.3	69.3	69.3	69.4	69.4
≥ 9000	1.0	65.2	68.1	69.6	70.0	70.0	70.2	70.4	70.4	70.4	70.5	70.5
≥ 8000	1.0	71.8	75.0	76.7	77.5	77.5	77.7	77.9	77.9	77.9	78.0	78.0
≥ 7000	1.0	72.5	75.8	77.4	78.3	78.3	78.5	78.8	78.8	78.8	78.8	78.8
≥ 6000	1.0	72.7	75.9	77.7	78.5	78.5	78.8	79.0	79.0	79.0	79.1	79.1
≥ 5000	1.0	73.1	76.4	78.2	79.0	79.0	79.3	79.5	79.5	79.5	79.6	79.6
≥ 4500	1.0	73.4	76.8	78.6	79.4	79.4	79.7	79.9	79.9	79.9	80.0	80.0
≥ 4000	1.0	75.3	78.8	80.8	81.7	81.8	81.9	82.2	82.2	82.3	82.3	82.3
≥ 3500	1.0	76.3	79.8	81.8	82.7	82.8	82.9	83.2	83.2	83.3	83.3	83.3
≥ 3000	1.2	77.5	81.2	83.3	84.3	84.4	84.6	84.9	84.9	84.9	85.0	85.0
≥ 2500	1.3	80.9	84.6	87.0	88.2	88.3	88.5	88.8	88.8	88.8	89.0	89.0
≥ 2000	1.3	83.0	86.9	89.5	90.7	90.8	91.0	91.3	91.3	91.3	91.5	91.5
≥ 1800	1.3	83.3	87.2	89.8	90.9	91.1	91.3	91.6	91.6	91.6	91.8	91.8
≥ 1500	1.3	86.0	90.3	93.1	94.3	94.4	94.7	95.0	95.0	95.0	95.2	95.2
≥ 1200	1.3	86.7	91.2	94.4	95.6	95.8	96.1	96.4	96.4	96.4	96.6	96.6
≥ 1000	1.3	86.8	91.3	94.7	95.9	96.1	96.4	96.9	96.9	96.9	97.1	97.1
≥ 900	1.3	86.8	91.4	94.8	96.1	96.3	96.6	97.1	97.1	97.1	97.3	97.3
≥ 800	1.3	87.3	92.0	95.5	96.8	96.9	97.3	97.8	97.8	97.8	98.0	98.0
≥ 700	1.3	87.4	92.3	95.8	97.1	97.3	97.6	98.2	98.2	98.2	98.3	98.3
≥ 600	1.3	87.6	92.4	96.2	97.4	97.6	97.9	98.5	98.5	98.5	98.7	98.7
≥ 500	1.3	87.8	92.6	96.3	97.8	97.9	98.3	98.9	98.9	98.9	99.3	99.3
≥ 400	1.3	87.9	92.8	96.6	98.0	98.2	98.7	99.3	99.3	99.3	99.7	99.7
≥ 300	1.3	87.9	92.8	96.6	98.0	98.2	98.7	99.3	99.3	99.3	99.7	99.7
≥ 200	1.3	87.9	92.8	96.6	98.1	98.3	98.8	99.4	99.4	99.4	99.8	99.8
≥ 100	1.3	87.9	92.8	96.6	98.1	98.3	98.8	99.4	99.4	99.4	99.8	99.8
0	1.3	87.9	92.8	96.6	98.1	98.3	98.8	99.4	99.4	99.4	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1200

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	5.4	72.3	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 20000	9.0	76.8	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 18000	9.0	76.8	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 16000	9.0	76.8	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 14000	9.0	76.8	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 12000	9.0	77.4	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 10000	9.0	80.7	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 9000	9.0	80.7	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 8000	9.0	83.9	86.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 7000	9.0	83.9	86.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 6000	9.0	83.9	86.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 5000	9.0	83.9	86.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	9.0	83.9	87.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	9.0	87.1	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500	9.0	89.0	92.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	9.0	91.6	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	9.0	92.3	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	9.0	93.6	96.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	9.0	93.6	96.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	9.0	93.6	96.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	9.0	94.2	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	9.0	94.2	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	9.0	94.2	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	9.0	94.2	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	9.0	94.2	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	9.0	94.2	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	9.0	94.2	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	9.0	94.2	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	9.0	94.2	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	9.0	94.2	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	9.0	94.2	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	9.0	94.2	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION
93837

STATION NAME
JACKSONVILLE, FLORIDA

YEARS
73-77

MONTH
OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)
04

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	7.1	66.5	71.0	74.2	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5
≥ 20000	7.7	67.7	72.3	76.1	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4
AI 18000	7.7	67.7	72.3	76.1	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4
AI 16000	7.7	67.7	72.3	76.1	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4
AI 14000	7.7	69.0	73.6	77.4	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7
AI 12000	7.7	70.3	74.8	78.7	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0
AI 10000	7.7	72.9	78.1	81.9	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2
AI 9000	7.7	73.6	78.7	82.6	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9
AI 8000	8.4	77.4	82.6	86.5	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7
AI 7000	8.4	78.7	83.9	87.7	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0
AI 6000	8.4	78.7	83.9	87.7	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0
AI 5000	8.4	78.7	83.9	87.7	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0
AI 4500	8.4	78.7	83.9	87.7	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0
AI 4000	8.4	79.4	84.5	88.4	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7
AI 3500	8.4	81.3	87.7	91.6	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9
AI 3000	8.4	82.6	89.0	93.6	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8
AI 2500	8.4	83.9	90.3	94.8	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1
AI 2000	8.4	83.9	90.3	94.8	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1
AI 1800	8.4	83.9	90.3	94.8	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1
AI 1500	8.4	83.9	90.3	94.8	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1
AI 1200	8.4	85.2	91.6	96.1	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4
AI 1000	8.4	85.8	92.3	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
AI 900	8.4	85.8	92.3	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
AI 800	8.4	85.8	92.3	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
AI 700	8.4	85.8	92.3	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
AI 600	8.4	85.8	92.3	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
AI 500	8.4	85.8	92.3	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
AI 400	8.4	86.5	93.6	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4
AI 300	8.4	86.5	93.6	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4
AI 200	8.4	86.5	93.6	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4
AI 100	8.4	86.5	93.6	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4
AI 0	8.4	86.5	93.6	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4

155

TOTAL NUMBER OF OBSERVATIONS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	1.9	38.1	46.5	55.5	58.1	58.1	59.4	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	2.6	41.3	51.0	61.3	64.5	64.5	65.8	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	2.6	41.3	51.0	61.3	64.5	64.5	65.8	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000	2.6	41.3	51.0	61.3	64.5	64.5	65.8	67.7	67.7	67.7	67.7	67.7	67.7
≥ 14000	2.6	41.3	51.0	61.3	64.5	64.5	65.8	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	2.6	43.9	53.6	63.9	67.1	67.1	68.4	70.3	70.3	70.3	70.3	70.3	70.3
≥ 10000	2.6	44.5	54.8	65.2	68.4	68.4	69.7	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	2.6	45.8	56.1	66.5	69.7	69.7	71.0	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	2.6	48.4	58.7	69.7	72.9	72.9	74.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	2.6	49.7	60.0	71.6	74.8	73.5	76.8	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	2.6	49.7	60.0	71.6	74.8	73.5	76.8	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	2.6	50.3	60.7	72.3	75.5	76.1	77.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500	2.6	50.3	60.7	72.3	75.5	76.1	77.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4000	2.6	51.0	62.6	74.2	78.7	79.4	80.7	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500	2.6	52.3	65.8	77.4	81.9	82.6	83.9	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	2.6	53.6	67.1	78.7	83.2	83.9	85.2	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	2.6	54.8	68.4	80.0	84.5	85.2	86.5	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	2.6	56.1	69.7	81.9	87.1	87.7	89.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	2.6	56.1	69.7	81.9	87.1	87.7	89.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	2.6	56.1	70.3	82.6	87.7	89.0	90.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	2.6	56.1	70.3	82.6	87.7	89.0	90.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	2.6	56.8	71.0	83.2	89.0	90.3	91.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	2.6	56.8	71.0	83.2	89.0	90.3	91.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	2.6	56.8	71.0	83.9	89.7	91.0	92.3	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	2.6	57.4	72.9	85.8	91.6	92.9	94.2	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	2.6	57.4	72.9	85.8	91.6	92.9	94.2	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	2.6	57.4	72.9	86.5	92.3	93.6	94.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	2.6	57.4	72.9	86.5	92.3	93.6	94.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	2.6	57.4	72.9	86.5	92.9	94.2	95.5	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	2.6	57.4	72.9	86.5	92.9	94.2	95.5	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	2.6	57.4	72.9	86.5	92.9	94.2	95.5	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0	2.6	57.4	72.9	86.5	92.9	94.2	95.5	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	3.2	57.9	56.1	57.4	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1
≥ 20000	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 18000	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 16000	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 14000	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 12000	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 10000	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 9000	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 8000	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 7000	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 6000	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 5000	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 4000	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 3500	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 3000	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 2500	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 2000	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 1800	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 1500	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 1200	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 1000	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 900	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 800	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 700	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 600	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 500	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 400	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 300	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 200	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 100	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5
AI 0	3.9	59.4	63.9	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5

TOTAL NUMBER OF OBSERVATIONS

125

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837

JACKSONVILLE, FLORIDA

73-77

YEARS

OCT

STATION

STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	7.1	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	7.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	7.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	7.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	7.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000	7.7	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	7.7	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000	7.7	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
8000	7.7	69.7	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
7000	7.7	69.7	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
6000	7.7	69.7	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
5000	7.7	69.7	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
4500	7.7	69.7	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
4000	7.7	71.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
3500	7.7	75.5	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
3000	7.7	80.7	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
2500	7.7	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
2000	7.7	93.6	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1800	7.7	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1500	7.7	94.8	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
1200	7.7	95.5	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1000	7.7	96.1	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
900	7.7	96.1	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
800	7.7	96.1	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
700	7.7	96.1	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
600	7.7	96.1	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
500	7.7	96.1	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
400	7.7	96.1	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
300	7.7	96.1	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
200	7.7	96.1	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
100	7.7	96.1	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
0	7.7	96.1	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	10.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	11.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 18000	11.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 16000	11.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000	11.0	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 12000	11.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000	11.0	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000	11.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	11.0	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000	11.0	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000	11.0	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 5000	11.0	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4500	11.0	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	11.0	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	11.0	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3000	11.0	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	11.0	84.5	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	11.0	88.4	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	11.0	88.4	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	11.0	91.0	92.9	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	11.0	91.0	92.9	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	11.0	91.6	93.6	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	11.0	91.6	94.2	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	11.0	91.6	94.2	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	11.0	91.6	94.2	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	11.0	92.3	94.8	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	11.0	92.3	94.8	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	11.0	92.3	94.8	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	11.0	92.3	94.8	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	11.0	92.3	94.8	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	11.0	92.3	94.8	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	11.0	92.3	94.8	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837

JACKSONVILLE, FLORIDA

73-77

UCT

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	4.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 20000	5.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	5.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000	5.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 14000	5.2	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 12000	5.2	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000	5.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 9000	5.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	6.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	6.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000	6.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	6.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	6.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	6.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500	6.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	6.5	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	6.5	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	6.5	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	6.5	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	6.5	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	6.5	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	6.5	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	6.5	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	6.5	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	6.5	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	6.5	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	6.5	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	6.5	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	6.5	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	6.5	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	6.5	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	6.5	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION
93837

STATION NAME
JACKSONVILLE, FLORIDA

YEARS
73-77

MONTH
OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)
22

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	6.5	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 20000	7.1	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000	7.1	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	7.1	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	7.1	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000	7.1	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	7.1	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	7.1	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 8000	7.1	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 7000	7.1	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000	7.1	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 5000	7.1	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4500	7.1	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000	7.1	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	7.1	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	7.1	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	7.1	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	7.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	7.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	7.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	7.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	7.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	7.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	7.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	7.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	7.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	7.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	7.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	7.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	7.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

125

2

12795 92181 7225

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837 STATION NAME JACKSONVILLE, FLORIDA 73-77 YEARS MONTH OCT ALL HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	6.1	58.2	60.5	62.3	62.7	62.7	62.7	63.2	63.3	63.3	63.3	63.3	63.3	63.4
≥ 20000	6.8	64.0	66.8	69.0	69.4	69.4	69.4	69.9	70.0	70.0	70.0	70.0	70.0	70.1
≥ 18000	6.8	64.0	66.8	69.0	69.4	69.4	69.4	69.9	70.0	70.0	70.0	70.0	70.0	70.1
≥ 16000	6.8	64.2	66.9	69.1	69.6	69.6	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2
≥ 14000	6.8	64.5	67.3	69.4	69.9	69.9	69.9	70.4	70.5	70.5	70.5	70.5	70.5	70.6
≥ 12000	6.8	66.0	68.7	71.0	71.5	71.5	71.5	71.9	72.0	72.0	72.0	72.0	72.0	72.1
≥ 10000	6.8	68.8	71.8	74.0	74.5	74.5	74.5	75.0	75.1	75.1	75.1	75.1	75.1	75.2
≥ 9000	6.8	69.3	72.3	74.5	75.0	75.0	75.0	75.5	75.6	75.6	75.6	75.6	75.6	75.7
≥ 8000	7.1	73.1	76.1	78.7	79.2	79.3	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.9
≥ 7000	7.1	73.8	76.9	79.6	80.1	80.2	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.8
≥ 6000	7.1	73.9	77.0	79.7	80.2	80.2	80.4	80.7	80.8	80.8	80.8	80.8	80.8	80.9
≥ 5000	7.1	74.2	77.3	80.0	80.5	80.6	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.2
≥ 4500	7.1	74.3	77.5	80.2	80.7	80.7	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.4
≥ 4000	7.1	75.0	79.4	82.0	82.7	82.7	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.4
≥ 3500	7.1	77.9	81.7	84.4	85.1	85.2	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.8
≥ 3000	7.1	80.4	84.4	87.1	87.8	87.9	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.6
≥ 2500	7.1	83.6	87.6	90.5	91.3	91.4	91.5	91.9	91.9	91.9	91.9	91.9	91.9	92.0
≥ 2000	7.1	86.2	90.4	93.5	94.4	94.4	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.1
≥ 1800	7.1	86.3	90.5	93.6	94.4	94.5	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.2
≥ 1500	7.1	87.3	91.7	94.8	95.7	95.8	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.5
≥ 1200	7.1	87.7	92.2	95.2	96.4	96.5	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.2
≥ 1000	7.1	88.5	93.1	96.2	97.4	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 900	7.1	88.5	93.2	96.4	97.5	97.7	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.4
≥ 800	7.1	88.5	93.2	96.4	97.6	97.8	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.6
≥ 700	7.1	88.6	93.3	96.7	97.9	98.2	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.9
≥ 600	7.1	88.7	93.6	96.9	98.1	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 500	7.1	88.7	93.7	97.1	98.3	98.6	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.4
≥ 400	7.1	88.8	93.8	97.2	98.4	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 300	7.1	88.8	93.8	97.2	98.5	98.8	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.6
≥ 200	7.1	88.8	93.8	97.2	98.5	98.8	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.6
≥ 100	7.1	88.8	93.8	97.2	98.5	98.8	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.6
0	7.1	88.8	93.8	97.2	98.5	98.8	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.6

TOTAL NUMBER OF OBSERVATIONS 1240

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

NOV

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)
01

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	6.0	59.3	52.7	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	6.7	60.0	63.3	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	6.7	60.0	63.3	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	6.7	60.0	63.3	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000	6.7	60.0	63.3	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000	6.7	61.3	64.7	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	7.3	64.0	67.3	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 9000	7.3	65.3	68.7	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	7.3	72.0	75.3	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	7.3	73.3	76.7	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	7.3	74.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	7.3	74.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500	7.3	74.7	78.0	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	8.0	78.0	81.3	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500	8.0	78.0	81.3	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	8.0	78.7	82.0	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	8.0	78.7	82.0	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	8.0	79.3	82.7	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800	8.0	79.3	82.7	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500	8.7	80.0	83.3	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	8.7	80.7	84.0	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1000	8.7	82.0	85.3	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	8.7	82.0	85.3	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 800	8.7	82.7	86.7	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 700	8.7	83.3	87.3	90.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 600	8.7	83.3	87.3	90.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 500	8.7	83.3	87.3	90.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 400	8.7	84.7	88.7	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 300	8.7	85.3	89.3	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 200	8.7	85.3	89.3	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 100	8.7	85.3	89.3	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
0	8.7	85.3	89.3	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7

150

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	7.3	57.3	61.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	7.3	58.0	62.0	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000	7.3	58.0	62.0	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	7.3	58.0	62.0	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	7.3	58.0	62.0	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	7.3	58.7	62.7	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	7.3	61.3	65.3	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 9000	7.3	62.7	66.7	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	7.3	64.7	68.7	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 7000	7.3	66.7	70.7	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000	7.3	67.3	72.0	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	7.3	68.7	73.3	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4500	7.3	69.3	74.0	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	8.0	73.3	78.0	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	8.0	74.0	78.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	8.0	75.3	80.7	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	8.0	75.3	80.7	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	8.0	75.3	80.7	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800	8.0	75.3	80.7	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	8.0	76.0	81.3	86.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1200	8.0	76.7	82.0	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	8.7	78.0	83.3	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 900	8.7	78.0	83.3	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 800	8.7	78.0	83.3	88.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 700	8.7	78.0	83.3	88.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 600	8.7	78.7	84.0	88.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 500	8.7	78.7	84.0	88.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 400	8.7	78.7	84.0	88.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 300	8.7	79.3	84.7	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 200	8.7	79.3	85.3	90.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 100	8.7	79.3	85.3	90.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
0	8.7	79.3	85.3	90.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	1.3	40.7	46.0	49.3	54.0	54.0	55.3	55.3	55.3	56.0	56.7	56.7	57.3
≥ 20000	2.0	46.7	52.0	55.3	60.7	60.7	62.7	63.3	63.3	64.0	64.7	64.7	65.3
AI 18000	2.0	46.7	52.0	55.3	60.7	60.7	62.7	63.3	63.3	64.0	64.7	64.7	65.3
AI 16000	2.0	46.7	52.0	55.3	60.7	60.7	62.7	63.3	63.3	64.0	64.7	64.7	65.3
AI 14000	2.0	46.7	52.0	55.3	60.7	60.7	62.7	63.3	63.3	64.0	64.7	64.7	65.3
AI 12000	2.7	47.3	52.7	56.0	62.0	62.0	64.0	64.7	64.7	65.3	66.0	66.0	66.7
AI 10000	2.7	50.7	56.0	60.7	66.7	66.7	68.7	69.3	69.3	70.0	70.7	70.7	71.3
AI 9000	2.7	50.7	56.0	60.7	66.7	66.7	68.7	69.3	69.3	70.0	70.7	70.7	71.3
AI 8000	2.7	54.7	60.0	65.3	71.3	72.0	74.0	74.7	74.7	75.3	76.0	76.0	76.7
AI 7000	2.7	56.0	61.3	66.7	72.7	74.0	76.0	76.7	76.7	77.3	78.0	78.0	78.7
AI 6000	2.7	56.0	61.3	67.3	73.3	74.7	76.7	77.3	77.3	78.0	78.7	78.7	79.3
AI 5000	2.7	56.0	61.3	67.3	73.3	74.7	76.7	77.3	77.3	78.0	78.7	78.7	79.3
AI 4500	2.7	56.0	61.3	67.3	73.3	74.7	76.7	77.3	77.3	78.0	78.7	78.7	79.3
AI 4000	2.7	58.0	63.3	70.0	76.0	77.3	80.0	80.7	80.7	81.3	82.0	82.0	82.7
AI 3500	2.7	58.7	64.0	71.3	77.3	78.7	81.3	82.0	82.0	82.7	83.3	83.3	84.0
AI 3000	2.7	60.0	65.3	72.7	78.7	80.0	82.7	83.3	83.3	84.0	84.7	84.7	85.3
AI 2500	2.7	60.7	66.0	73.3	79.3	80.7	83.3	84.0	84.0	84.7	85.3	85.3	86.0
AI 2000	2.7	60.7	66.0	73.3	79.3	80.7	83.3	84.0	84.0	84.7	85.3	85.3	86.0
AI 1800	2.7	60.7	66.0	73.3	79.3	80.7	83.3	84.0	84.0	84.7	85.3	85.3	86.0
AI 1500	2.7	61.3	67.3	74.7	80.7	82.0	84.7	85.3	85.3	86.0	86.7	86.7	87.3
AI 1200	2.7	62.0	68.7	76.7	82.7	84.0	86.7	87.3	87.3	88.0	88.7	88.7	89.3
AI 1000	2.7	62.7	69.3	77.3	83.3	84.7	87.3	88.0	88.0	88.7	89.3	89.3	90.0
AI 900	2.7	62.7	69.3	77.3	83.3	84.7	87.3	88.0	88.0	88.7	89.3	89.3	90.0
AI 800	2.7	62.7	69.3	78.0	84.0	85.3	88.0	88.7	88.7	89.3	90.0	90.0	91.3
AI 700	2.7	62.7	69.3	78.0	84.0	85.3	88.0	88.7	88.7	89.3	90.0	90.0	91.3
AI 600	2.7	62.7	69.3	78.0	84.0	85.3	88.0	88.7	88.7	89.3	90.0	90.0	91.3
AI 500	2.7	63.3	70.0	78.7	84.7	86.0	88.0	88.7	88.7	89.3	90.0	90.0	91.3
AI 400	2.7	64.0	70.7	80.0	86.0	88.0	90.7	91.3	91.3	92.0	92.7	92.7	93.3
AI 300	2.7	64.0	70.7	80.0	86.0	88.0	90.7	91.3	91.3	92.0	92.7	92.7	93.3
AI 200	2.7	64.0	70.7	80.0	86.0	88.0	90.7	91.3	91.3	92.0	92.7	92.7	93.3
AI 100	2.7	64.0	70.7	80.0	86.0	88.0	90.7	91.3	91.3	92.0	92.7	92.7	93.3
AI 0	2.7	64.0	70.7	80.0	86.0	88.0	90.7	91.3	91.3	92.0	92.7	92.7	93.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

1225 112130 54231

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837 STATION JACKSONVILLE, FLORIDA YEARS 73-77 MONTH NOV HOURS (LST) 10

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	7.3	55.3	56.0	57.3	58.0	58.0	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	7.3	64.0	65.3	67.3	68.0	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 18000	7.3	54.0	65.3	67.3	68.0	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 16000	7.3	64.0	65.3	67.3	68.0	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 14000	7.3	64.0	65.3	67.3	68.0	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 12000	7.3	64.7	66.0	68.0	68.7	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 10000	7.3	66.7	68.0	70.7	70.7	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	7.3	67.3	68.7	70.7	71.3	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	7.3	74.7	76.0	78.7	78.7	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 7000	7.3	74.7	76.0	78.7	78.7	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000	7.3	74.7	76.0	78.7	79.3	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	7.3	74.7	76.7	79.3	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500	7.3	75.3	77.3	80.0	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	7.3	77.3	79.3	82.0	82.7	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	7.3	78.7	80.7	83.3	84.0	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	7.3	80.0	82.0	84.7	85.3	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	7.3	80.7	82.7	85.3	86.0	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	7.3	81.3	83.3	86.0	86.7	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1800	7.3	82.7	84.7	87.3	88.0	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1500	7.3	83.3	85.3	88.0	88.7	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	7.3	84.0	86.0	89.3	90.0	90.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	7.3	84.0	86.0	89.3	90.0	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 900	7.3	84.0	86.7	90.0	90.7	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800	7.3	84.0	86.7	90.7	91.3	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	7.3	84.0	86.7	90.7	91.3	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 600	7.3	84.0	86.7	90.7	91.3	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 500	7.3	84.0	87.3	91.3	92.0	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 400	7.3	84.0	87.3	91.3	92.0	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 300	7.3	84.0	87.3	91.3	92.0	94.0	94.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 200	7.3	84.0	87.3	91.3	92.0	94.0	94.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	7.3	84.0	87.3	91.3	92.0	94.0	94.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	7.3	84.0	87.3	91.3	92.0	94.0	94.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	5.0	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 20000	10.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	10.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 16000	10.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 14000	10.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 12000	10.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 10000	10.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 9000	10.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 8000	11.3	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 7000	11.3	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 6000	11.3	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 5000	12.0	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 4500	12.0	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4000	12.0	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3500	12.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	13.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	13.3	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	13.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	13.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	13.3	90.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	13.3	91.3	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	13.3	92.0	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	13.3	92.0	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	13.3	92.0	94.0	94.7	95.3	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	13.3	92.0	94.0	94.7	96.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	13.3	92.0	94.0	94.7	96.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	13.3	92.0	94.0	94.7	96.0	96.0	96.0	97.3	97.3	98.0	98.0	98.0	98.0
≥ 400	13.3	92.0	94.0	94.7	96.0	96.0	96.0	97.3	97.3	98.0	98.0	98.0	98.0
≥ 300	13.3	92.0	94.0	94.7	96.0	96.0	96.0	97.3	97.3	98.0	98.0	98.0	98.0
≥ 200	13.3	92.0	94.0	94.7	96.0	96.0	96.0	97.3	97.3	98.0	98.0	98.0	98.0
≥ 100	13.3	92.0	94.0	94.7	96.0	96.0	96.0	97.3	97.3	98.0	98.0	98.0	98.0
≥ 0	13.3	92.0	94.0	94.7	96.0	96.0	96.0	97.3	97.3	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

12

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	12.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 20000	14.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 18000	14.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000	14.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000	14.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 12000	14.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	14.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	14.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 8000	14.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	14.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	14.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	14.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	14.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	15.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	16.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	16.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	16.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	16.0	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	16.0	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	16.0	94.0	94.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	16.0	94.7	95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	16.0	94.7	95.3	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	16.0	94.7	95.3	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	16.0	94.7	96.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	16.0	94.7	96.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	16.0	94.7	96.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	16.0	94.7	96.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	16.0	94.7	96.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	16.0	94.7	96.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	16.0	94.7	96.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	16.0	94.7	96.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
0	16.0	94.7	96.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837

JACKSONVILLE, FLORIDA

73-77

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	6.7	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	6.7	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 18000	6.7	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 16000	6.7	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 14000	6.7	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 12000	6.7	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 10000	6.7	76.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 9000	6.7	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000	6.7	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 7000	6.7	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	6.7	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 5000	6.7	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500	6.7	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000	6.7	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500	6.7	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000	6.7	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	6.7	90.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2000	6.7	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	6.7	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1600	6.7	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1400	6.7	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	6.7	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	6.7	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	6.7	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	6.7	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	6.7	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	6.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	6.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 400	6.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 300	6.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 200	6.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 100	6.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
0	6.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION
93837

JACKSONVILLE, FLORIDA

73-77

STATION NAME

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	5.3	65.3	66.7	66.7	67.3	67.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 20000	6.0	69.3	70.7	70.7	71.3	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	6.0	69.3	70.7	70.7	71.3	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 16000	6.0	69.3	70.7	70.7	71.3	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 14000	6.0	69.3	70.7	70.7	71.3	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 12000	6.0	69.3	70.7	70.7	71.3	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 10000	6.0	74.7	75.0	76.7	77.3	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	6.0	75.3	76.7	77.3	78.0	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000	6.0	76.0	77.3	78.0	78.7	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	6.0	76.7	78.0	78.7	79.3	79.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	6.0	77.3	78.7	79.3	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	6.0	77.3	78.7	79.3	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	6.0	78.0	79.3	80.0	80.7	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	6.0	81.3	82.7	83.3	84.0	84.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500	6.0	82.0	83.3	84.0	84.7	84.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	6.0	84.0	85.3	86.0	86.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500	6.0	85.3	86.7	87.3	88.0	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	6.0	86.0	87.3	88.0	88.7	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	6.0	86.7	88.0	88.7	89.3	89.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	6.0	88.7	90.0	90.7	91.3	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	6.0	88.7	90.0	90.7	91.3	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	6.0	89.3	90.7	91.3	92.0	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	6.0	89.3	90.7	91.3	92.0	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	6.0	90.0	91.3	92.0	92.7	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	6.0	90.7	92.0	92.7	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	6.0	90.7	92.0	92.7	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	6.0	91.3	92.7	93.3	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	6.0	91.3	92.7	93.3	94.7	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	6.0	91.3	92.7	94.0	95.3	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 200	6.0	91.3	92.7	94.7	95.3	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	6.0	91.3	92.7	94.7	95.3	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 0	6.0	91.3	92.7	94.7	95.3	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

NOV
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	6.8	55.4	57.3	58.8	59.6	59.7	60.0	60.1	60.1	60.2	60.3	60.3	60.3	60.5
≥ 20000	7.6	60.5	62.4	64.1	65.0	65.1	65.5	65.7	65.7	65.8	65.8	65.8	65.9	66.1
≥ 18000	7.6	60.6	62.5	64.2	65.1	65.2	65.6	65.8	65.8	65.8	65.9	65.9	66.0	66.3
≥ 16000	7.6	60.6	62.5	64.2	65.1	65.2	65.6	65.8	65.8	65.8	65.9	65.9	66.0	66.3
≥ 14000	7.6	60.9	62.8	64.5	65.4	65.5	65.9	66.1	66.1	66.2	66.3	66.3	66.3	66.7
≥ 12000	7.7	61.9	63.8	65.5	66.5	66.6	67.0	67.2	67.2	67.3	67.3	67.3	67.4	67.8
≥ 10000	7.8	65.6	67.5	69.4	70.4	70.5	70.9	71.1	71.1	71.2	71.3	71.3	71.4	71.8
≥ 9000	7.8	66.5	68.5	70.4	71.4	71.5	71.9	72.1	72.1	72.2	72.3	72.3	72.4	72.8
≥ 8000	7.9	71.3	73.3	75.3	76.3	76.5	76.9	77.1	77.1	77.2	77.3	77.3	77.4	77.8
≥ 7000	7.9	72.2	74.2	76.2	77.2	77.4	77.6	78.0	78.0	78.1	78.3	78.3	78.3	78.7
≥ 6000	7.9	73.1	75.3	77.4	78.4	78.7	79.1	79.3	79.3	79.3	79.5	79.5	79.6	79.9
≥ 5000	8.0	73.6	75.8	77.9	78.9	79.2	79.6	79.8	79.8	79.8	79.9	79.9	79.9	79.9
≥ 4500	8.3	76.7	78.8	81.1	82.1	82.3	82.6	83.0	83.0	83.1	83.3	83.3	83.3	83.7
≥ 4000	8.4	77.9	80.1	82.4	83.4	83.7	84.2	84.3	84.3	84.4	84.6	84.6	84.7	85.0
≥ 3500	8.5	79.6	81.8	84.2	85.3	85.5	86.0	86.2	86.2	86.3	86.4	86.4	86.5	86.8
≥ 3000	8.5	80.7	82.9	85.3	86.4	86.7	87.2	87.3	87.3	87.4	87.6	87.6	87.7	88.0
≥ 2500	8.5	82.0	84.3	86.8	87.8	88.2	88.7	88.8	88.8	88.9	89.1	89.1	89.2	89.5
≥ 2000	8.5	82.3	84.6	87.0	88.1	88.4	88.9	89.1	89.1	89.2	89.3	89.3	89.4	89.8
≥ 1800	8.6	83.3	85.8	88.3	89.5	89.8	90.3	90.5	90.5	90.6	90.8	90.8	90.8	91.2
≥ 1500	8.6	83.7	86.3	88.9	90.3	90.6	91.1	91.3	91.3	91.3	91.5	91.5	91.6	91.9
≥ 1200	8.7	84.5	87.2	89.8	91.2	91.5	92.0	92.2	92.2	92.3	92.4	92.4	92.5	92.8
≥ 1000	8.7	84.6	87.3	90.0	91.3	91.7	92.2	92.3	92.3	92.4	92.6	92.6	92.7	93.0
≥ 900	8.7	84.6	87.8	90.7	92.1	92.4	93.0	93.3	93.3	93.3	93.5	93.5	93.7	94.0
≥ 800	8.7	84.9	87.9	90.8	92.3	92.7	93.3	93.5	93.5	93.6	93.8	93.8	93.9	94.3
≥ 700	8.7	85.1	88.1	91.0	92.5	92.9	93.8	94.0	94.0	94.1	94.3	94.3	94.4	94.8
≥ 600	8.7	85.3	88.3	91.3	92.8	93.3	94.2	94.4	94.4	94.7	94.9	94.9	95.1	95.5
≥ 500	8.7	85.6	88.7	91.8	93.3	94.0	95.7	96.0	96.0	96.3	96.6	96.6	96.8	97.3
≥ 400	8.7	85.8	88.8	92.0	93.6	94.3	96.0	96.4	96.5	96.9	97.3	97.3	97.5	98.1
≥ 300	8.7	85.8	88.9	92.1	93.7	94.4	96.3	96.7	96.8	97.4	97.8	97.8	98.1	98.9
≥ 200	8.7	85.8	88.9	92.1	93.7	94.4	96.3	96.7	96.8	97.4	97.8	97.9	98.3	99.0
≥ 100	8.7	85.8	88.9	92.1	93.7	94.4	96.3	96.7	96.8	97.4	97.8	97.9	98.4	99.0
≥ 0	8.7	85.8	88.9	92.1	93.7	94.4	96.3	96.7	96.8	97.4	97.8	97.9	98.4	99.0

TOTAL NUMBER OF OBSERVATIONS

1200

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

DEC
MONTH01
HOURS (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	9.0	54.2	56.1	56.8	57.4	57.4	57.4	58.1	58.1	58.7	58.7	58.7
≥ 20000	9.0	56.1	58.1	58.7	59.4	59.4	59.4	60.0	60.0	60.7	60.7	60.7
≥ 18000	9.0	56.1	58.1	58.7	59.4	59.4	59.4	60.0	60.0	60.7	60.7	60.7
≥ 16000	9.0	56.1	58.1	58.7	59.4	59.4	59.4	60.0	60.0	60.7	60.7	60.7
≥ 14000	9.0	56.1	58.1	58.7	59.4	59.4	59.4	60.0	60.0	60.7	60.7	60.7
≥ 12000	9.0	58.1	60.0	60.7	61.3	61.3	61.3	61.9	61.9	62.6	62.6	62.6
≥ 10000	10.3	61.9	63.9	65.2	65.8	65.8	65.8	66.5	66.5	67.1	67.1	67.1
≥ 9000	10.3	61.9	63.9	65.2	65.8	65.8	65.8	66.5	66.5	67.1	67.1	67.1
≥ 8000	11.0	65.8	68.4	70.3	71.0	71.0	71.0	72.3	72.3	72.9	72.9	72.9
≥ 7000	11.0	67.1	69.7	71.6	72.3	72.3	72.3	73.6	73.6	74.2	74.2	74.2
≥ 6000	11.0	67.1	69.7	71.6	72.3	72.3	72.3	73.6	73.6	74.2	74.2	74.2
≥ 5000	11.0	69.7	72.3	74.2	74.8	74.8	74.8	75.5	75.5	76.1	76.1	76.1
≥ 4500	11.0	69.7	72.3	74.2	74.8	74.8	74.8	75.5	75.5	76.1	76.1	76.1
≥ 4000	11.0	74.2	76.8	78.7	79.4	79.4	79.4	80.7	80.7	81.3	81.3	81.3
≥ 3500	11.0	75.5	78.1	80.0	80.7	80.7	80.7	81.3	81.3	81.9	81.9	81.9
≥ 3000	11.0	78.7	81.3	83.2	83.9	83.9	83.9	84.5	84.5	85.2	85.2	85.2
≥ 2500	11.0	80.7	83.2	85.2	85.8	85.8	85.8	86.5	86.5	87.1	87.1	87.1
≥ 2000	11.0	80.7	83.2	85.2	85.8	85.8	85.8	86.5	86.5	87.1	87.1	87.1
≥ 1800	11.0	80.7	83.2	85.2	85.8	85.8	85.8	86.5	86.5	87.1	87.1	87.1
≥ 1500	11.0	80.7	83.2	85.2	85.8	85.8	85.8	86.5	86.5	87.1	87.1	87.1
≥ 1200	11.0	81.3	83.9	85.8	86.5	86.5	86.5	87.1	87.1	87.7	87.7	87.7
≥ 1000	11.0	82.6	85.8	87.7	88.4	88.4	88.4	89.0	89.0	89.7	89.7	89.7
≥ 900	11.0	82.6	85.8	87.7	88.4	88.4	88.4	89.0	89.0	89.7	89.7	89.7
≥ 800	11.0	82.6	85.8	87.7	88.4	88.4	88.4	89.0	89.0	89.7	89.7	89.7
≥ 700	11.0	82.6	85.8	87.7	88.4	88.4	88.4	89.0	89.0	89.7	89.7	89.7
≥ 600	11.0	83.2	87.1	89.0	89.7	89.7	89.7	90.3	90.3	91.0	91.0	91.0
≥ 500	11.0	83.2	87.1	89.0	89.7	89.7	89.7	90.3	90.3	91.0	91.0	91.0
≥ 400	11.0	83.2	87.1	89.0	89.7	89.7	89.7	90.3	90.3	91.0	91.0	91.0
≥ 300	11.0	84.5	89.0	91.6	92.9	92.9	92.9	93.6	93.6	94.2	94.2	94.2
≥ 200	11.0	84.5	89.0	91.6	92.9	92.9	92.9	93.6	93.6	94.2	94.2	94.2
≥ 100	11.0	84.5	89.0	91.6	92.9	92.9	92.9	93.6	93.6	94.2	94.2	94.2
0	11.0	84.5	89.0	91.6	92.9	92.9	92.9	93.6	93.6	94.2	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

JACKSONVILLE, FLORIDA

73-77

DEC

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	9.7	49.7	52.3	53.6	53.6	54.2	54.2	55.5	55.5	55.5	55.5	55.5	56.1	56.1
≥ 20000	9.7	51.0	53.6	54.8	54.8	55.5	56.1	56.8	56.8	56.8	56.8	56.8	57.4	57.4
≥ 18000	9.7	51.0	53.6	54.8	54.8	55.5	56.1	56.8	56.8	56.8	56.8	56.8	57.4	57.4
≥ 16000	9.7	51.0	53.6	54.8	54.8	55.5	56.1	56.8	56.8	56.8	56.8	56.8	57.4	57.4
≥ 14000	9.7	51.0	53.6	54.8	54.8	55.5	56.1	56.8	56.8	56.8	56.8	56.8	57.4	57.4
≥ 12000	9.7	52.3	54.8	56.1	56.1	56.8	57.4	58.1	58.1	58.1	58.1	58.1	58.7	58.7
≥ 10000	10.3	56.8	59.4	60.7	60.7	61.3	61.9	62.6	62.6	62.6	62.6	63.2	63.2	63.2
≥ 9000	10.3	57.4	60.0	61.3	61.3	61.9	62.6	63.2	63.2	63.2	63.2	63.9	63.9	63.9
≥ 8000	11.0	61.9	64.5	67.1	67.1	67.7	68.4	69.0	69.0	69.0	69.0	69.7	69.7	69.7
≥ 7000	11.0	63.2	65.8	68.4	68.4	69.0	69.7	70.3	70.3	70.3	70.3	71.0	71.0	71.0
≥ 6000	11.0	63.2	65.8	68.4	68.4	69.0	69.7	70.3	70.3	70.3	70.3	71.0	71.0	71.0
≥ 5000	11.0	64.5	67.1	69.7	69.7	70.3	71.0	71.6	71.6	71.6	71.6	72.3	72.3	72.3
≥ 4500	11.0	64.5	67.1	69.7	69.7	70.3	71.0	71.6	71.6	71.6	71.6	72.3	72.3	72.3
≥ 4000	11.0	69.0	72.3	74.8	74.8	75.5	76.1	76.8	76.8	77.4	77.4	78.1	78.1	78.1
≥ 3500	11.0	70.3	73.0	76.1	76.1	76.8	77.4	78.1	78.1	78.7	78.7	79.4	79.4	79.4
≥ 3000	11.0	71.0	74.2	76.8	76.8	77.4	78.1	78.7	78.7	79.4	79.4	80.0	80.0	80.0
≥ 2500	11.0	72.3	76.1	78.7	78.7	79.4	80.0	80.7	80.7	81.3	81.3	81.9	81.9	81.9
≥ 2000	11.0	73.6	78.1	80.7	80.7	81.3	81.9	83.2	83.2	83.9	83.9	84.5	84.5	84.5
≥ 1800	11.0	73.6	78.1	80.7	80.7	81.3	81.9	83.2	83.2	83.9	83.9	84.5	84.5	84.5
≥ 1500	11.0	73.6	78.1	80.7	80.7	81.3	81.9	83.2	83.2	83.9	83.9	84.5	84.5	84.5
≥ 1200	11.0	74.8	80.0	82.6	82.6	83.9	84.5	85.8	85.8	86.5	86.5	87.1	87.1	87.1
≥ 1000	11.0	75.5	80.7	84.5	84.5	85.8	86.5	87.7	87.7	88.4	88.4	89.0	89.0	89.0
≥ 900	11.0	75.5	80.7	84.5	84.5	85.8	86.5	87.7	87.7	88.4	88.4	89.0	89.0	89.0
≥ 800	11.0	75.5	80.7	84.5	84.5	85.8	86.5	87.7	87.7	88.4	88.4	89.0	89.0	89.0
≥ 700	11.0	76.1	81.3	85.2	85.2	86.5	87.1	88.4	88.4	89.0	89.0	89.7	89.7	89.7
≥ 600	11.0	76.8	82.6	86.5	86.5	87.7	88.4	89.7	89.7	90.3	90.3	91.0	91.0	91.0
≥ 500	11.0	76.8	83.2	87.7	88.4	89.7	90.3	91.6	91.6	92.3	92.3	92.9	92.9	92.9
≥ 400	11.0	77.4	83.9	88.4	89.0	90.3	91.0	92.3	92.3	93.6	93.6	94.2	94.2	94.2
≥ 300	11.0	78.1	85.8	90.3	91.0	92.3	92.9	94.2	94.2	95.5	95.5	96.1	96.1	96.1
≥ 200	11.0	78.1	85.8	90.3	91.0	92.3	92.9	94.2	94.2	95.5	95.5	96.1	96.1	96.1
≥ 100	11.0	78.1	85.8	90.3	91.0	92.3	92.9	94.2	94.2	95.5	95.5	96.1	96.1	96.1
≥ 0	11.0	78.1	85.8	90.3	91.0	92.3	92.9	94.2	94.2	95.5	95.5	96.1	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATIONJACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

DEC
MONTH07
HOURS (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	5.8	40.7	45.6	47.7	47.7	48.4	49.0	49.0	49.0	49.7	50.3	50.3	50.3	50.3
≥ 20000	5.8	43.9	49.0	51.0	51.0	51.6	52.3	52.3	52.3	52.9	53.6	53.6	53.6	53.6
≥ 18000	5.8	43.9	49.0	51.0	51.0	51.6	52.3	52.3	52.3	52.9	53.6	53.6	53.6	53.6
≥ 16000	5.8	43.9	49.0	51.0	51.0	51.6	52.3	52.3	52.3	52.9	53.6	53.6	53.6	53.6
≥ 14000	5.8	43.9	49.0	51.0	51.0	51.6	52.3	52.3	52.3	52.9	53.6	53.6	53.6	53.6
≥ 12000	5.8	45.2	51.0	52.9	52.9	53.6	54.2	54.2	54.2	54.8	55.5	55.5	55.5	55.5
≥ 10000	5.8	48.4	54.2	56.1	56.1	56.8	57.4	57.4	57.4	58.1	58.7	58.7	58.7	58.7
≥ 9000	5.8	49.0	54.8	56.8	56.8	57.4	58.1	58.1	58.1	58.7	59.4	59.4	59.4	59.4
≥ 8000	5.8	54.2	60.7	63.9	63.9	64.5	65.2	65.2	65.2	65.8	66.5	66.5	66.5	66.5
≥ 7000	5.8	56.1	62.6	65.8	65.8	66.5	67.1	67.1	67.1	67.7	68.4	68.4	68.4	68.4
≥ 6000	5.8	56.1	62.6	65.8	65.8	66.5	67.1	67.1	67.1	67.7	68.4	68.4	68.4	68.4
≥ 5000	5.8	57.4	63.9	67.1	67.1	67.7	68.4	68.4	68.4	69.0	69.7	69.7	69.7	69.7
≥ 4500	5.8	57.4	63.9	67.1	67.1	67.7	68.4	68.4	68.4	69.0	69.7	69.7	69.7	69.7
≥ 4000	5.8	60.0	67.7	71.0	71.0	71.6	72.9	72.9	72.9	74.8	75.5	75.5	75.5	75.5
≥ 3500	5.8	60.0	67.7	71.0	71.0	71.6	72.9	72.9	72.9	74.8	75.5	75.5	75.5	75.5
≥ 3000	5.8	60.0	67.7	71.0	71.0	71.6	72.9	72.9	72.9	74.8	75.5	75.5	75.5	75.5
≥ 2500	6.5	61.3	69.0	72.3	72.3	73.6	74.8	75.5	75.5	77.4	78.1	78.1	78.1	78.7
≥ 2000	6.5	63.9	71.6	75.5	76.1	76.8	78.1	78.7	78.7	80.7	81.3	81.3	81.3	81.9
≥ 1800	6.5	63.9	71.6	75.5	76.1	76.8	78.1	78.7	78.7	80.7	81.3	81.3	81.3	81.9
≥ 1500	6.5	67.1	74.8	78.7	79.4	80.0	81.3	81.9	81.9	84.5	85.2	85.2	85.2	85.8
≥ 1200	6.5	67.7	75.5	79.4	80.0	80.7	81.9	82.6	82.6	85.2	85.8	85.8	85.8	86.5
≥ 1000	6.5	67.7	75.5	79.4	81.3	81.9	83.2	83.9	83.9	86.5	87.1	87.1	87.1	87.7
≥ 900	6.5	67.7	75.5	79.4	81.3	81.9	83.2	83.9	83.9	86.5	87.1	87.1	87.1	87.7
≥ 800	6.5	68.4	76.1	80.7	82.6	83.2	84.5	85.2	85.2	87.7	88.4	88.4	88.4	89.0
≥ 700	6.5	69.7	77.4	81.9	83.9	84.5	85.8	86.5	86.5	89.0	89.7	89.7	89.7	90.3
≥ 600	6.5	71.0	78.7	83.2	85.8	86.5	87.7	88.4	88.4	91.0	91.6	91.6	91.6	92.3
≥ 500	6.5	71.6	79.4	83.9	86.5	87.1	88.4	89.0	89.0	91.6	92.3	92.3	92.3	92.9
≥ 400	6.5	72.3	80.7	85.8	89.0	89.7	91.0	91.6	91.6	94.2	94.8	94.8	94.8	95.5
≥ 300	6.5	72.3	80.7	85.8	89.0	89.7	91.0	91.6	91.6	94.2	94.8	94.8	94.8	95.5
≥ 200	6.5	72.3	80.7	85.8	89.0	89.7	91.0	91.6	91.6	94.2	94.8	94.8	94.8	95.5
≥ 100	6.5	72.3	80.7	85.8	89.0	89.7	91.0	91.6	91.6	94.2	94.8	94.8	94.8	95.5
≥ 0	6.5	72.3	80.7	85.8	89.0	89.7	91.0	91.6	91.6	94.2	94.8	94.8	94.8	95.5

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	9.7	43.2	43.9	45.2	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	9.7	47.7	49.0	51.0	53.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	9.7	47.7	49.0	51.0	53.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000	9.7	47.7	49.0	51.0	53.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 14000	9.7	48.4	49.7	51.6	54.2	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	9.7	49.0	51.0	52.9	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000	10.3	54.2	56.1	58.7	61.3	61.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 9000	10.3	54.8	56.8	60.0	62.6	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000	10.3	59.4	61.3	65.2	67.7	67.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	10.3	60.7	62.6	66.5	69.0	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	10.3	62.6	64.5	68.4	71.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	10.3	62.6	64.5	68.4	71.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500	10.3	62.6	64.5	68.4	71.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000	10.3	64.5	66.5	71.0	74.8	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3500	10.3	64.5	66.5	71.0	74.8	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3000	10.3	64.5	66.5	71.6	75.5	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	10.3	66.5	69.0	74.2	78.7	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000	10.3	69.0	72.3	77.4	81.9	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1800	10.3	69.7	72.9	78.1	82.6	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	10.3	71.0	74.2	80.0	84.5	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1200	10.3	71.6	74.8	80.7	85.2	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	10.3	72.3	75.5	81.3	85.8	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	10.3	72.3	76.1	81.9	86.5	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 800	10.3	73.6	77.4	83.2	87.7	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	10.3	74.2	78.1	83.9	88.4	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 600	10.3	74.2	78.1	83.9	89.0	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	10.3	74.8	78.7	85.2	91.0	91.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	10.3	74.8	78.7	85.8	92.3	92.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300	10.3	74.8	79.4	86.5	92.9	93.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	10.3	74.8	79.4	86.5	92.9	93.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 100	10.3	74.8	79.4	86.5	92.9	93.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
0	10.3	74.8	79.4	86.5	92.9	93.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION NAME JACKSONVILLE, FLORIDA STATION NUMBER 73-77 YEARS MONTH DEC HOURS (LST) 13

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	13.6	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	13.6	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 18000	13.6	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	13.6	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	13.6	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 12000	14.8	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	14.8	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 9000	14.8	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 8000	14.8	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 7000	14.8	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	14.8	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	14.8	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4500	14.8	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4000	14.8	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	14.8	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	14.8	77.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2500	15.5	80.0	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2000	15.5	82.6	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	15.5	82.6	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	15.5	84.5	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1200	15.5	85.2	87.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	15.5	88.4	91.0	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	15.5	88.4	91.0	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	15.5	89.7	92.3	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	15.5	89.7	92.3	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	15.5	89.7	92.3	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	15.5	89.7	92.3	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	15.5	89.7	92.3	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	15.5	89.7	92.3	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	15.5	89.7	92.3	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 100	15.5	89.7	92.3	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
0	15.5	89.7	92.3	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837

JACKSONVILLE, FLORIDA

73-77

DEC

STATION

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH

16

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	18.1	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	18.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	18.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 16000	18.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	18.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	18.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	18.7	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 9000	18.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000	19.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 7000	19.4	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	19.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	19.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	19.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000	19.4	83.2	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	19.4	83.2	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	19.4	85.8	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500	19.4	87.1	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	19.4	89.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	19.4	89.7	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	19.4	90.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	19.4	91.0	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	19.4	91.6	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	19.4	91.6	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	19.4	91.6	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	19.4	92.3	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	19.4	92.3	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	19.4	92.3	95.5	97.4	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1
≥ 400	19.4	92.3	95.5	97.4	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1
≥ 300	19.4	92.3	95.5	97.4	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1
≥ 200	19.4	92.3	95.5	97.4	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1
≥ 100	19.4	92.3	95.5	97.4	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1
≥ 0	19.4	92.3	95.5	97.4	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837

JACKSONVILLE, FLORIDA

73-77

DEC

STATION

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH

19

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	5.2	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	5.8	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	5.8	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000	5.8	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	5.8	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	5.8	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	5.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 9000	5.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 8000	5.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	5.8	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 6000	5.8	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	5.8	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	5.8	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000	5.8	80.7	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500	5.8	82.6	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	5.8	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	5.8	86.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	5.8	86.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	5.8	87.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	5.8	88.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	5.8	89.0	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	5.8	89.7	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	5.8	89.7	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	5.8	91.0	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	5.8	91.6	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	5.8	92.9	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	5.8	92.9	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	5.8	92.9	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	5.8	92.9	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	5.8	92.9	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 100	5.8	92.9	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
0	5.8	92.9	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

STATION
93837

STATION NAME
JACKSONVILLE, FLORIDA

73-77

YEARS

MONTH
DEC

22
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	9.0	56.1	56.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	9.0	60.0	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	9.0	60.0	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	9.0	60.0	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	9.0	60.7	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	9.0	61.3	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 10000	9.0	64.5	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 9000	9.0	64.5	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 8000	9.7	74.2	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 7000	9.7	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	9.7	75.5	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	9.7	77.4	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4500	9.7	77.4	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000	9.7	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	9.7	81.3	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	9.7	82.6	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	9.7	84.5	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	9.7	85.2	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800	9.7	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500	9.7	85.8	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	9.7	87.1	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	9.7	89.0	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	9.7	89.0	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	9.7	89.0	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	9.7	89.7	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	9.7	91.0	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	9.7	91.0	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	9.7	91.0	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 300	9.7	91.0	92.9	93.6	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5
≥ 200	9.7	91.0	92.9	93.6	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5
≥ 100	9.7	91.0	92.9	93.6	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5
≥ 0	9.7	91.0	92.9	93.6	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS

155

1225

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼
NO CEILING	10.0	49.4	51.0	51.7	52.0	52.2	52.4	52.6	52.7	52.8	52.9	52.9	52.9
≥ 20000	10.2	54.3	55.9	56.7	57.1	57.3	57.5	57.7	57.8	57.9	58.0	58.0	58.0
≥ 18000	10.2	54.3	55.9	56.7	57.1	57.3	57.5	57.7	57.8	57.9	58.0	58.0	58.0
≥ 16000	10.2	54.3	55.9	56.7	57.1	57.3	57.5	57.7	57.8	57.9	58.0	58.0	58.0
≥ 14000	10.2	54.4	56.1	56.9	57.3	57.4	57.7	57.8	58.0	58.1	58.2	58.2	58.2
≥ 12000	10.3	56.1	57.9	58.7	59.1	59.3	59.5	59.7	59.8	59.9	60.0	60.0	60.0
≥ 10000	10.7	59.8	61.6	62.6	63.0	63.2	63.5	63.6	63.8	63.9	64.0	64.0	64.0
≥ 9000	10.7	60.2	61.9	63.0	63.4	63.6	63.9	64.0	64.2	64.3	64.4	64.4	64.4
≥ 8000	11.0	66.9	69.0	70.5	70.9	71.1	71.5	71.6	71.8	71.9	71.9	71.9	71.9
≥ 7000	11.0	67.9	70.0	71.5	71.9	72.1	72.5	72.7	72.8	72.9	73.0	73.0	73.1
≥ 6000	11.0	68.6	70.7	72.2	72.6	72.7	73.2	73.3	73.5	73.6	73.6	73.6	73.7
≥ 5000	11.0	69.8	71.9	73.4	73.8	74.0	74.4	74.5	74.7	74.8	74.8	74.8	74.9
≥ 4500	11.0	69.9	72.0	73.6	74.0	74.1	74.5	74.7	74.8	74.9	75.0	75.0	75.1
≥ 4000	11.0	73.5	76.0	77.7	78.2	78.5	79.0	79.1	79.5	79.6	79.7	79.7	79.8
≥ 3500	11.0	74.3	76.9	78.6	79.1	79.4	79.8	80.0	80.4	80.5	80.6	80.6	80.7
≥ 3000	11.0	75.4	78.3	80.1	80.7	80.9	81.4	81.5	81.9	82.0	82.1	82.1	82.2
≥ 2500	11.1	77.3	80.2	82.3	83.1	83.3	83.8	84.0	84.4	84.5	84.6	84.6	84.7
≥ 2000	11.1	78.8	82.1	84.0	84.8	85.0	85.5	85.8	86.2	86.3	86.4	86.4	86.5
≥ 1800	11.1	79.1	82.4	84.4	85.1	85.3	85.8	86.1	86.5	86.6	86.7	86.7	86.8
≥ 1500	11.1	80.2	83.6	85.7	86.6	86.9	87.4	87.7	88.2	88.3	88.4	88.4	88.5
≥ 1200	11.1	81.0	84.5	86.6	87.6	87.9	88.4	88.7	89.2	89.3	89.4	89.4	89.4
≥ 1000	11.1	82.1	85.7	88.2	89.3	89.6	90.1	90.4	90.9	91.0	91.1	91.1	91.1
≥ 900	11.1	82.1	85.8	88.2	89.4	89.7	90.2	90.5	91.0	91.1	91.1	91.1	91.2
≥ 800	11.1	82.7	86.5	89.1	90.2	90.6	91.1	91.5	91.9	92.0	92.1	92.1	92.2
≥ 700	11.1	83.2	87.1	89.7	90.8	91.1	91.8	92.2	92.7	92.7	92.8	92.8	92.9
≥ 600	11.1	83.9	87.8	90.5	91.6	92.1	92.8	93.2	93.7	93.8	93.9	93.9	94.0
≥ 500	11.1	84.0	88.2	91.2	92.7	93.0	93.8	94.3	95.0	95.1	95.2	95.2	95.2
≥ 400	11.1	84.2	88.4	91.6	93.2	93.6	94.4	95.1	95.9	96.1	96.3	96.3	96.4
≥ 300	11.1	84.4	89.0	92.2	94.0	94.4	95.3	96.1	96.1	97.0	97.2	97.6	97.7
≥ 200	11.1	84.4	89.0	92.2	94.0	94.4	95.3	96.1	96.1	97.1	97.4	98.1	98.2
≥ 100	11.1	84.4	89.0	92.2	94.0	94.4	95.4	96.2	96.2	97.3	97.6	98.3	98.5
≥ 0	11.1	84.4	89.0	92.2	94.0	94.4	95.4	96.2	96.2	97.3	97.6	98.3	98.5

TOTAL NUMBER OF OBSERVATIONS

1240

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93837 STATION

JACKSONVILLE, FLORIDA

73-77

ALL MONTH

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	4.4	52.9	54.5	55.5	55.8	55.9	56.1	56.2	56.2	56.2	56.3	56.3	56.3
≥ 20000	4.8	62.5	64.4	65.6	66.0	66.1	66.3	66.4	66.4	66.5	66.5	66.6	66.6
≥ 18000	4.8	62.5	64.4	65.6	66.0	66.1	66.3	66.4	66.4	66.5	66.6	66.6	66.7
≥ 16000	4.8	62.6	64.5	65.7	66.1	66.2	66.3	66.4	66.5	66.5	66.6	66.6	66.7
≥ 14000	4.8	62.8	64.7	65.9	66.3	66.4	66.6	66.7	66.8	66.8	66.9	66.9	67.0
≥ 12000	4.9	64.0	65.9	67.2	67.6	67.7	67.8	68.0	68.0	68.1	68.1	68.1	68.2
≥ 10000	5.0	67.9	69.9	71.3	71.7	71.8	72.0	72.1	72.1	72.2	72.2	72.3	72.3
≥ 9000	5.0	68.3	70.4	71.8	72.2	72.3	72.5	72.6	72.6	72.7	72.7	72.8	72.8
≥ 8000	5.1	73.5	75.5	77.3	77.7	77.9	78.1	78.2	78.2	78.3	78.4	78.4	78.5
≥ 7000	5.1	74.2	76.5	78.1	78.5	78.7	78.9	79.0	79.0	79.1	79.2	79.2	79.3
≥ 6000	5.1	74.5	76.8	78.4	78.8	79.0	79.2	79.3	79.3	79.4	79.5	79.5	79.6
≥ 5000	5.1	75.0	77.3	78.9	79.4	79.5	79.7	79.8	79.8	79.9	80.0	80.0	80.2
≥ 4500	5.1	75.2	77.5	79.1	79.6	79.7	79.9	80.1	80.1	80.2	80.2	80.3	80.4
≥ 4000	5.1	77.1	79.0	81.3	81.8	81.9	82.2	82.3	82.3	82.4	82.5	82.5	82.6
≥ 3500	5.2	78.1	80.7	82.4	82.9	83.1	83.3	83.4	83.4	83.5	83.6	83.6	83.7
≥ 3000	5.2	79.9	82.6	84.4	84.9	85.1	85.3	85.4	85.4	85.5	85.6	85.7	85.8
≥ 2500	5.3	82.8	85.7	87.5	88.2	88.3	88.6	88.7	88.7	88.8	88.9	88.9	89.0
≥ 2000	5.4	85.1	88.1	90.1	90.8	91.0	91.2	91.3	91.4	91.5	91.5	91.6	91.7
≥ 1800	5.4	85.2	88.3	90.3	90.9	91.1	91.4	91.5	91.5	91.6	91.7	91.8	91.9
≥ 1500	5.4	86.7	89.8	92.0	92.7	92.9	93.1	93.3	93.3	93.4	93.5	93.5	93.7
≥ 1200	5.4	87.2	90.5	92.7	93.4	93.6	93.9	94.1	94.1	94.2	94.3	94.3	94.5
≥ 1000	5.4	87.8	91.2	93.6	94.4	94.6	94.9	95.1	95.1	95.2	95.3	95.3	95.5
900	5.4	87.9	91.3	93.7	94.5	94.7	95.0	95.2	95.2	95.3	95.4	95.4	95.6
800	5.4	88.2	91.7	94.1	95.0	95.2	95.6	95.7	95.8	95.9	96.0	96.0	96.2
700	5.4	88.4	92.0	94.5	95.4	95.6	96.0	96.2	96.2	96.3	96.4	96.5	96.7
600	5.4	88.7	92.3	94.9	95.8	96.1	96.5	96.7	96.7	96.8	96.9	97.0	97.2
500	5.4	88.8	92.5	95.2	96.2	96.5	96.8	97.0	97.2	97.4	97.5	97.6	97.8
400	5.4	89.0	92.7	95.4	96.5	96.8	97.4	97.7	97.7	98.0	98.1	98.2	98.4
300	5.4	89.1	92.8	95.6	96.7	97.0	97.6	98.0	98.0	98.5	98.5	98.7	98.9
200	5.4	89.1	92.8	95.6	96.7	97.1	97.7	98.1	98.2	98.5	98.7	98.9	99.3
100	5.4	89.1	92.8	95.6	96.7	97.1	97.8	98.1	98.2	98.6	98.8	99.1	99.7
0	5.4	89.1	92.8	95.6	96.7	97.1	97.8	98.1	98.2	98.6	98.8	99.1	99.3

TOTAL NUMBER OF OBSERVATIONS

14608

JAN MONTH

NAVWEASERVCOM

SKY COVER

93837

JACKSONVILLE, FLORIDA

STATION NAME

73-77

PERIOD

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
FEB	01	46.8	1.4	2.8	4.3	3.5	5.0	3.5	6.4	3.5	5.7	17.0	141
	04	40.4	3.5	4.3	5.0	4.3	2.8	2.8	2.1	4.3	5.0	25.5	141
	07	25.5	5.0	8.5	5.0	5.7	2.8	2.1	6.4	4.3	5.0	29.8	141
	10	29.1	2.1	5.7	7.1	4.3	2.8	5.0	5.0	8.5	7.1	23.4	141
	13	29.1	4.3	3.5	5.0	3.5	6.4	2.8	7.8	9.2	7.1	21.3	141
	16	27.7	5.0	4.3	5.7	4.3	2.8	5.0	5.7	9.2	8.5	22.0	141
	19	29.8	7.8	5.7	6.4	3.5	2.8	3.5	5.0	11.3	6.4	17.7	141
	22	44.7	2.8	5.0	5.0	5.0	7.1	5.0	5.0	2.8	2.1	15.6	141
TOTALS		34.1	4.0	5.0	5.4	4.3	4.1	3.7	5.4	6.6	5.9	21.5	1128

SKY COVER

93837 STATION JACKSONVILLE, FLORIDA 73-77 PERIOD MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
MAR	01	27.1	5.2	12.3	5.8	1.3	2.6	2.6	7.7	5.2	4.5	25.8	155
	04	24.5	7.7	7.1	5.2	2.6	4.5	6.5	3.9	6.5	5.2	26.5	155
	07	14.8	7.1	7.1	5.2	4.5	3.9	1.9	4.5	17.4	8.4	25.2	155
	10	17.4	5.2	5.8	9.0	3.9	3.2	5.8	3.2	8.4	9.0	29.0	155
	13	11.0	3.9	4.5	4.5	6.5	6.5	7.7	7.1	10.3	5.2	32.9	155
	16	12.3	5.2	3.2	5.8	3.2	7.7	3.2	10.3	17.4	5.8	25.8	155
	19	11.6	3.2	12.9	10.3	4.5	7.1	3.9	5.8	10.3	8.4	21.9	155
	22	25.8	5.2	9.0	8.4	5.2	3.9	3.2	7.7	7.7	3.2	20.6	155
TOTALS		18.1	5.3	7.7	6.8	4.0	4.9	4.4	6.3	10.4	6.2	26.0	1240

STATION	73-77	PERIOD	APR
JACKSONVILLE, FLORIDA			

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	01	42.7	5.3	5.3	8.0	4.7	2.0	3.3	3.3	4.0	2.0	19.3	3.6	150
	04	48.0	7.3	6.0	3.3	2.0	4.0	5.3	1.3	4.0	3.3	15.3	3.1	150
	07	34.0	8.7	4.7	6.0	2.7	2.0	2.7	7.3	4.0	6.0	22.0	4.3	150
	10	24.7	8.0	10.0	8.0	6.0	4.0	5.3	6.7	7.3	4.7	15.3	4.3	150
	13	20.0	4.0	6.7	7.3	8.0	7.3	4.7	14.0	8.0	4.0	16.0	4.9	150
	16	22.7	4.7	7.3	6.7	3.3	8.0	4.7	10.7	10.0	6.7	15.3	4.9	150
	19	22.0	6.7	6.7	7.3	6.0	2.7	3.3	8.0	8.7	10.7	16.0	5.0	150
	22	38.7	2.7	8.7	10.0	3.3	2.7	5.3	4.7	4.7	2.0	17.3	3.7	150
TOTALS		31.6	5.9	6.9	7.1	4.5	4.1	4.3	7.0	6.3	4.9	17.3	4.2	1200

2

MAY
MONTH

PERIOD

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	01	29.0	6.5	10.3	11.0	3.2	2.6	4.5	5.8	7.7	6.5	12.9	4.0	155
	04	28.4	7.1	7.1	11.0	5.8	3.9	3.9	6.5	8.4	2.6	15.5	4.1	155
	07	13.5	6.5	6.5	8.4	7.7	5.2	3.2	5.8	12.3	5.8	25.2	5.6	155
	10	11.0	3.9	8.4	8.4	8.4	4.5	2.6	11.6	9.7	11.0	20.6	5.8	155
	13	6.5	3.9	2.6	6.5	6.5	12.3	3.2	13.5	14.2	7.7	23.2	6.5	155
	16	7.7	3.9	5.8	7.1	5.2	6.5	5.2	6.5	15.5	11.6	25.2	6.5	155
	19	9.7	7.7	3.9	12.3	2.6	4.5	3.9	3.9	12.3	13.5	25.8	6.1	155
	22	27.1	5.8	8.4	5.8	5.8	6.5	2.6	3.2	9.0	5.2	20.6	4.6	155
TOTALS		16.6	5.7	6.6	8.8	5.7	5.8	3.6	7.1	11.1	8.0	21.1	5.4	1240

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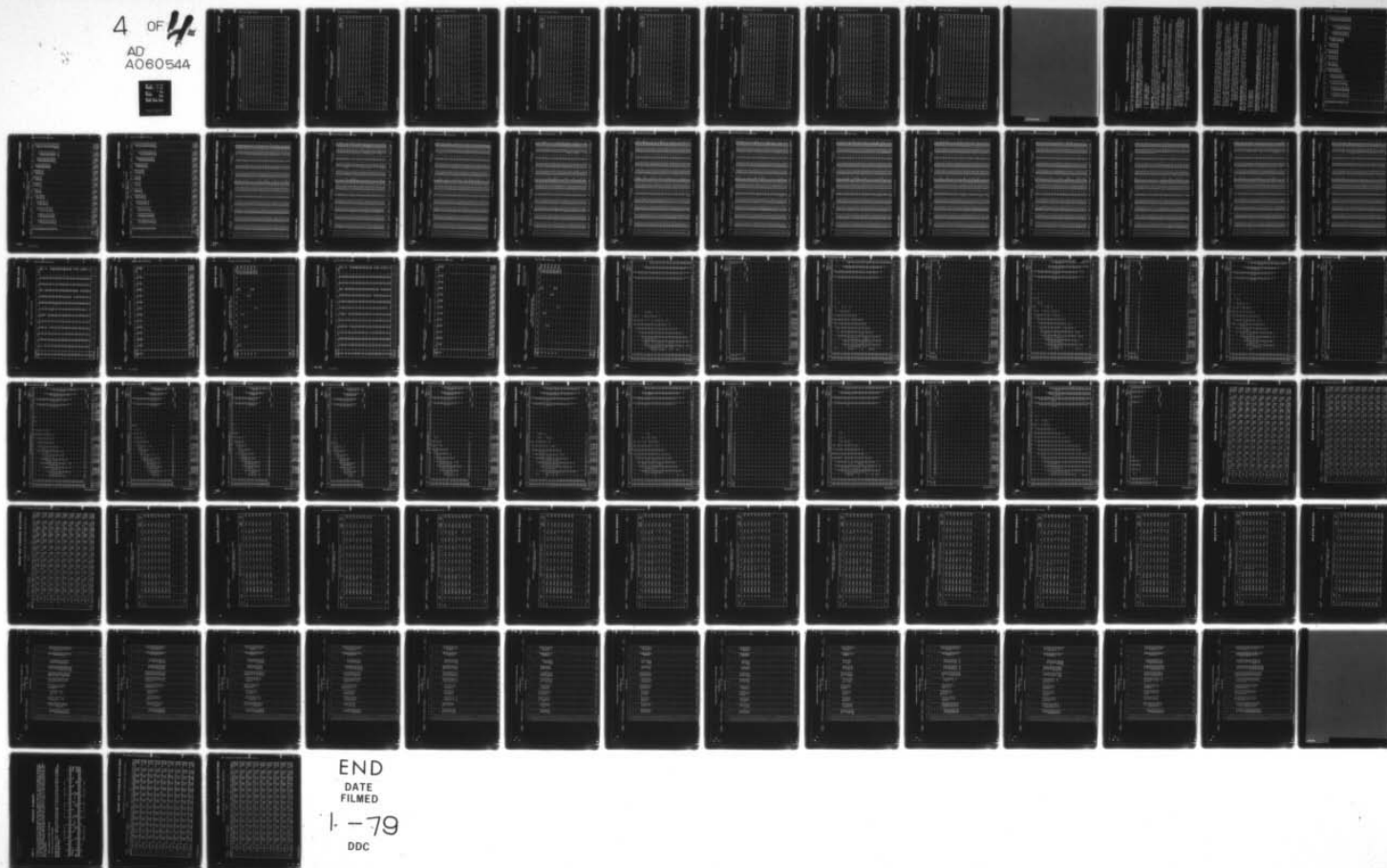
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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) JACKSONV--ETC(U).
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93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	01	19.3	2.0	8.7	9.3	7.3	6.7	3.3	5.3	11.3	6.0	20.7	5.2	150
	04	21.3	4.7	9.3	12.0	9.3	6.0	6.0	7.3	8.0	1.3	14.7	4.4	150
	07	10.0	2.7	8.7	10.0	9.3	2.7	5.3	12.7	10.0	12.0	16.7	5.8	150
	10	8.0	3.3	6.7	9.3	6.7	12.7	4.0	12.7	15.3	8.0	13.3	5.8	150
	13	3.3	4.7	.7	5.3	8.7	11.3	6.0	16.0	18.0	10.0	16.0	6.6	150
	16	4.7	1.3	1.3	8.0	6.0	13.3	6.0	12.0	11.3	12.7	23.3	6.8	150
	19	4.0	2.0	2.7	4.0	4.0	6.7	3.3	7.3	17.3	11.3	37.3	7.5	150
	22	10.7	2.0	8.0	8.0	4.7	6.0	6.0	7.3	11.3	6.0	30.0	6.2	150
TOTALS		10.2	2.8	5.8	8.2	7.0	8.2	5.0	10.1	12.8	8.4	21.5	6.0	1200

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	01	18.1	5.2	13.5	11.0	6.5	2.6	8.4	5.2	5.6	5.2	18.7	4.7	155
	04	23.2	5.2	14.8	15.5	8.4	3.9	4.5	5.2	7.1	1.9	10.3	3.7	155
	07	7.7	5.2	9.7	5.8	7.1	8.4	7.7	10.3	14.8	9.0	14.2	5.7	155
	10	9.0	4.5	3.2	6.5	11.0	5.8	8.4	5.8	18.7	11.6	15.5	6.0	155
	13		.6	3.9	5.8	10.3	17.4	5.2	11.6	14.8	14.8	15.5	6.7	155
	16		3.2	3.2	6.5	7.1	3.9	3.9	9.0	23.2	11.6	28.4	7.4	155
	19	1.9	2.6	5.2	7.1	5.2	5.8	3.9	9.0	9.0	10.3	40.0	7.4	155
	22	13.5	3.2	9.7	8.4	5.2	7.7	4.5	4.5	15.5	7.7	20.0	5.6	155
TOTALS		8.2	3.7	7.9	8.3	7.6	6.9	5.8	7.6	13.6	9.0	21.3	5.9	1240

93837	JACKSONVILLE, FLORIDA
STATION	STATION NAME

73-77

PERIOD

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	01	19.4	6.5	7.1	11.0	10.3	5.2	3.9	7.1	12.9	4.5	12.3	4.6	155
	04	25.8	7.7	10.3	12.3	10.3	5.8	3.9	8.4	5.2	3.2	7.1	3.6	155
	07	9.0	9.7	9.7	8.4	9.7	9.0	8.4	8.4	11.0	10.3	6.5	4.9	155
	10	1.3	3.2	5.2	10.3	12.9	14.2	7.7	11.6	13.5	11.0	9.0	5.9	155
	13			.6	9.0	9.0	12.3	9.7	13.5	18.7	12.3	14.8	6.9	155
	16	.6	1.9	3.2	3.2	8.4	11.0	5.2	11.6	16.1	13.5	25.2	7.2	155
	19	1.3	2.6	3.9	5.2	4.5	5.8	6.5	9.7	12.3	10.8	31.6	7.4	155
	22	14.2	4.5	6.5	9.7	7.1	3.2	7.7	7.7	9.0	6.5	23.9	5.6	155
TOTALS		90	4.5	5.8	8.6	9.0	8.3	6.6	9.8	12.3	9.8	16.3	5.8	1240

SKY COVER

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

PERIOD

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
SEP	01	20.0	6.0	11.3	12.0	6.0	3.3	7.3	4.0	4.0	4.7	21.3	150
	04	24.7	4.0	14.7	10.0	8.0	5.3	4.7	4.0	6.0	7.3	11.3	150
	07	10.0	4.7	11.3	10.7	8.7	6.0	3.3	6.0	10.0	12.0	15.3	150
	10	6.7	4.7	4.0	9.3	12.0	6.7	6.0	8.7	17.3	12.0	12.7	150
	13	2.0	1.3	1.3	8.0	8.0	10.7	8.0	11.3	14.7	16.0	18.7	150
	16	1.3	2.0	5.3	4.7	6.7	11.3	2.7	9.3	20.7	8.0	28.0	150
	19	4.0	4.7	8.0	6.0	4.0	6.7	7.3	4.7	9.3	6.7	36.7	150
	22	13.3	7.3	8.0	7.3	4.7	3.3	4.7	4.7	10.7	10.0	26.0	150
TOTALS		10.3	4.3	8.0	8.5	7.3	6.9	5.5	6.6	11.6	9.8	21.3	1200

5704 SKY COVER JAN 68

2

130 OCT MONTH

FLORIDA
STATION NAME

93837	STATION
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NAVWEASERVCOM

2

MONTH	NOV
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MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	01	41.3	5.3	4.7	6.0	4.0	3.3	2.0	6.0	2.7	2.7	22.0	3.8	150
	04	38.7	9.3	4.0	6.7	4.0	1.3	2.0	3.3	2.7	6.0	22.0	3.9	150
	07	16.0	7.3	10.7	8.7	5.3	4.0	2.7	4.7	10.0	10.0	20.7	5.2	150
	10	25.3	5.3	7.3	6.0	5.3	.7	7.3	7.3	8.0	6.7	20.7	4.9	150
	13	14.7	3.3	3.3	6.7	5.3	6.0	4.7	13.2	16.7	8.7	17.3	5.9	150
	16	14.0	4.7	8.0	5.3	6.7	5.3	4.7	7.3	8.0	12.7	23.3	5.8	150
	19	28.7	6.0	5.3	7.3	4.0	6.0	1.3	8.7	8.7	6.0	18.0	4.6	150
	22	36.0	7.3	4.7	6.7	5.3	2.7	4.7	4.7	6.0	2.7	19.3	4.0	150
TOTALS		26.8	6.1	6.0	6.7	5.0	3.7	3.7	6.9	7.9	6.9	20.4	4.8	1200

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	01	33.5	3.2	5.2	3.9	6.5	3.2	3.2	4.5	3.9	2.6	30.3	4.8	155
	04	32.3	2.6	7.1	4.5	1.3	4.5	1.9	4.5	1.9	1.9	37.4	5.1	155
	07	24.5	4.5	5.8	4.5	.6	5.2	4.5	5.8	4.5	1.9	38.1	5.6	155
	10	21.9	9.7	2.6	3.2	3.9	1.9	2.6	5.2	7.1	5.8	36.1	5.7	155
	13	16.8	9.0	3.2	7.7	3.2	6.5	1.3	7.7	8.4	4.5	31.6	5.7	155
	16	18.7	5.2	6.5	6.5	4.5	5.2	1.9	6.5	4.5	9.0	31.6	5.7	155
	19	31.6	4.5	2.6	2.6	3.2	5.8	2.6	6.5	6.5	3.2	31.0	5.1	155
	22	35.5	2.6	5.8	5.2	3.2	1.9	4.5	5.2	5.2	1.3	29.7	4.7	155
TOTALS		26.9	5.2	4.9	4.8	3.3	4.3	2.8	5.7	5.3	3.8	33.2	5.3	1240

SKY COVER

93837 STATION JACKSONVILLE, FLORIDA STATION NAME 73-77 PERIOD ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	23.1	4.0	6.3	4.7	4.2	3.9	2.9	5.4	7.0	6.3	32.4	5.6	1240
FEB		34.1	4.0	5.0	5.4	4.3	4.1	3.7	5.4	6.6	5.9	21.5	4.5	1128
MAR		18.1	5.3	7.7	6.8	4.0	4.9	4.4	6.2	10.4	6.2	26.0	5.5	1240
APR		31.6	5.9	6.9	7.1	4.5	4.1	4.3	7.0	6.3	4.9	17.3	4.2	1200
MAY		16.6	5.7	6.6	8.8	5.7	5.8	3.6	7.1	11.1	8.0	21.1	5.4	1240
JUN		10.2	2.8	5.8	8.2	7.0	8.2	5.0	10.1	12.8	8.4	21.5	6.0	1200
JUL		9.2	3.7	7.9	8.3	7.6	6.9	5.8	7.6	13.6	9.0	20.3	5.9	1240
AUG		9.0	4.5	5.8	8.6	9.0	8.3	6.6	9.8	12.3	9.8	16.3	5.8	1240
SEP		10.3	4.3	8.0	8.5	7.3	6.9	5.5	6.6	11.6	9.8	21.3	5.8	1200
OCT		25.9	7.1	8.6	7.8	4.9	4.2	3.5	6.1	8.7	6.9	16.4	4.5	1240
NOV		26.8	6.1	6.0	6.7	5.0	3.7	3.7	6.9	7.9	6.9	20.4	4.8	1200
DEC		26.9	5.2	4.9	4.8	3.3	4.3	2.8	5.7	5.3	3.8	33.2	5.3	1240
TOTALS		20.2	4.9	6.6	7.1	5.6	5.4	4.3	7.0	9.5	7.2	22.3	5.3	14608

PSYCHROMETRIC

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperatures combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σX). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

- a. Dry-bulb temperature
- b. Wet-bulb temperature
- c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

DAILY TEMPERATURES

92837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

45-77

YEARS

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
100					.1	.0	.1	.2					.1
95					3.0	13.2	14.5	12.7	2.9				3.9
90					24.4	47.8	65.2	59.4	28.9	3.4			19.6
85					59.8	81.7	92.9	90.0	70.0	22.1	3.6		38.5
80					86.4	96.2	99.2	97.5	91.8	57.9	22.6	7.1	55.9
75					96.9	99.5	99.9	99.6	98.7	82.7	46.4	21.7	69.1
70					99.5	100.0	100.0	100.0	100.0	94.0	67.9	41.5	79.5
65					99.9					98.5	83.0	60.6	87.1
60					100.0					99.7	92.6	77.3	92.9
55										100.0	97.7	90.8	96.9
50											99.4	96.5	98.9
45											99.7	99.5	99.7
40											100.0	99.9	99.9
35												100.0	100.0
30													
25													
20													
15													
10													
5													
0													
MEAN	66.2	68.0	73.8	79.7	85.6	89.0	90.5	90.0	86.6	79.9	72.6	66.7	79.1
S.D.	10.255	9.615	8.990	6.488	5.384	4.949	3.822	4.277	4.688	6.022	8.180	8.902	11.440
TOTAL OBS.	1022	932	1023	989	1023	988	1022	1023	988	1020	990	1023	12043

NAVWEASERVCOM

4721 Daily Temperature Jan 1969

JACKSONVILLE, FLORIDA
STATION NAME

45-77

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

[illegible]

DAILY TEMPERATURES

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

45-77

YEARS

MEAN

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)**

[illegible]

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1977

93837

JACKSONVILLE, FLORIDA

1945-1977

JANUARY

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	58.1	14.5	67.5	19.7	82	27.8	1975*	27.8	48.7	9.3	31	-0.6	1949
2	56.3	13.5	65.2	18.4	80	26.7	1947	26.7	47.4	8.6	34	1.1	1963
3	57.8	14.3	66.8	19.3	80	26.7	1973*	26.7	48.7	9.3	33	0.6	1962
4	57.5	14.2	66.9	19.4	84	28.9	1973	28.9	48.0	8.9	31	-0.6	1970
5	57.9	14.4	67.4	19.7	84	28.9	1972	28.9	48.5	9.2	32	0.0	1976
6	58.2	14.6	68.1	20.1	84	28.9	1973	28.9	48.4	9.1	33	0.6	1959
7	56.7	13.7	66.2	19.0	82	27.8	1974*	27.8	47.2	8.4	27	-2.8	1970
8	54.8	12.7	63.6	17.6	79	26.1	1946	26.1	46.1	7.8	22	-5.6	1970
9	55.4	13.0	65.3	18.5	85	29.4	1974	29.4	45.4	7.4	21	-6.1	1970
10	56.3	13.5	65.3	18.5	85	29.4	1974	29.4	47.3	8.5	19	-7.2	1970
11	54.8	12.7	63.5	17.5	86	30.0	1974	30.0	46.2	7.9	27	-2.8	1977
12	56.2	13.4	65.3	18.5	82	27.8	1972	27.8	47.1	8.4	29	-1.7	1962
13	55.9	13.3	66.1	18.9	82	27.8	1972	27.8	45.6	7.6	28	-2.2	1962
14	57.1	13.9	66.1	18.9	82	27.8	1950	27.8	48.1	8.9	23	-5.0	1964
15	57.5	14.2	66.9	19.4	84	28.9	1974*	28.9	48.2	9.0	23	-5.0	1948
16	55.4	13.0	65.0	18.3	85	29.4	1974	29.4	45.8	7.7	29	-1.7	1975
17	53.1	11.7	62.8	17.1	84	28.9	1947	28.9	43.4	6.3	22	-5.6	1977
18	55.6	13.1	65.1	18.4	80	26.7	1973*	26.7	46.2	7.9	21	-6.1	1977
19	56.7	13.7	65.4	18.6	82	27.8	1973*	27.8	48.0	8.9	20	-6.7	1977
20	56.2	13.4	65.5	18.6	81	27.2	1963	27.2	46.9	8.3	20	-6.7	1977
21	55.9	13.3	65.2	18.4	85	29.4	1974	29.4	46.7	8.2	25	-3.9	1977*
22	56.7	13.7	66.5	19.2	86	30.0	1974	30.0	46.8	8.2	27	-2.8	1961
23	56.9	13.8	66.4	19.1	87	30.6	1974	30.6	47.3	8.5	27	-2.8	1960
24	57.3	14.1	67.2	19.6	84	28.9	1974*	28.9	47.5	8.6	25	-3.9	1963
25	56.6	13.7	65.9	18.8	85	29.4	1974	29.4	47.2	8.4	30	-1.1	1963
26	58.6	14.8	68.0	20.0	83	28.3	1974	28.3	49.3	9.6	30	-1.1	1977
27	59.2	15.1	69.8	21.0	85	29.4	1974	29.4	48.7	9.3	34	1.1	1966
28	58.0	14.4	68.2	20.1	83	28.3	1974	28.3	47.8	8.8	29	-1.7	1971
29	56.3	13.5	65.5	18.6	83	28.3	1957	28.3	47.2	8.4	31	-0.6	1976
30	57.5	14.2	68.5	20.3	82	27.8	1975*	27.8	46.5	8.1	20	-6.7	1966
31	57.3	14.1	67.3	19.6	84	28.9	1974*	28.9	47.8	8.8	20	-6.7	1966
Monthly	56.7	13.7	66.2	19.0	87	30.6	1974	30.6	47.2	8.4	19	-7.2	1970

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION

93837

JACKSONVILLE, FLORIDA

1945-1977

FEBRUARY

MONTH

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		MAXIMUM TEMP				MINIMUM TEMP					
	AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME			
	° F	° C	° F	° C	° F	° C	DATE	° F	° C	° F	° C	DATE
1	57.6	14.2	67.8	19.9	83	28.3	1957	47.4	8.6	29	-1.7	1977
2	57.7	14.3	66.8	19.3	84	28.9	1950	48.6	9.2	25	-3.9	1951
3	56.6	13.7	65.9	18.8	84	28.9	1974	47.2	8.4	30	-1.1	1958*
4	55.8	13.2	64.9	18.3	85	29.4	1957	46.8	8.2	25	-3.9	1970
5	56.9	13.8	66.1	18.9	86	30.0	1957	47.6	8.7	26	-3.3	1947
6	59.4	15.2	68.6	20.3	82	27.8	1957	50.2	10.1	29	-1.7	1966
7	59.2	15.1	68.4	20.2	80	26.7	1974*	50.0	10.0	28	-2.2	1977
8	55.4	13.0	64.8	18.2	81	27.2	1957	46.1	7.8	30	-1.1	1951
9	55.1	12.8	64.7	18.2	82	27.8	1949	45.4	7.4	30	-1.1	1971*
10	56.1	13.4	66.2	19.0	83	28.3	1959*	46.0	7.8	28	-2.2	1974*
11	56.7	13.7	66.8	19.3	79	26.1	1965*	46.5	8.1	29	-1.7	1947
12	57.2	14.0	67.5	19.7	82	27.8	1965*	46.9	8.3	28	-2.2	1955
13	57.8	14.3	68.7	20.4	86	30.0	1949	47.0	8.3	29	-1.7	1955
14	58.0	14.4	69.4	20.8	85	29.4	1959	46.7	8.2	30	-1.1	1971*
15	59.5	15.3	69.9	21.1	82	27.8	1945	49.1	9.5	34	1.1	1971
16	60.0	15.6	69.7	20.9	85	29.4	1966	50.4	10.2	32	0.0	1958
17	58.9	14.9	68.0	20.0	85	29.4	1976	49.9	9.9	26	-3.3	1958
18	58.9	14.9	68.4	20.2	85	29.4	1975	49.4	9.7	24	-4.4	1958
19	60.5	15.8	69.7	20.9	85	29.4	1975	51.2	10.7	25	-3.9	1958
20	59.4	15.2	68.5	20.3	83	28.3	1971	50.2	10.1	30	-1.1	1958
21	58.8	14.9	69.0	20.6	86	30.0	1953	48.6	9.2	30	-1.1	1977
22	59.1	15.1	68.8	20.4	86	30.0	1962	49.4	9.7	29	-1.7	1977
23	58.3	14.6	66.7	19.3	83	28.3	1962	49.9	9.9	37	2.8	1963
24	59.3	15.2	68.8	20.4	89	31.7	1962	49.7	9.8	34	1.1	1964
25	58.8	14.9	68.7	20.4	82	27.8	1977	48.8	9.3	31	-0.6	1967
26	59.3	15.2	69.6	20.9	87	30.6	1962	49.0	9.4	25	-3.9	1967
27	59.9	15.5	69.8	21.0	84	28.9	1962*	50.0	10.0	30	-1.1	1963
28	61.0	16.1	71.5	21.9	86	30.0	1962	50.5	10.3	35	1.7	1968*
29	60.4	15.8	70.6	21.4	82	27.8	1948	50.1	10.1	36	2.2	1964
30												
31												
Monthly	58.3	14.6	68.0	20.0	89	31.7	1962	48.5	9.2	24	-4.4	1958

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

93837

JACKSONVILLE, FLORIDA

1945-1977

MARCH

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		DATE		AVERAGE		MINIMUM TEMP		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	DATE	DATE	° F	° C	° F	° C	° F	° C	DATE	DATE
1	61.5	16.4	71.5	21.9	86	30.0	71.5	21.9	86	30.0	1971	1971	51.5	10.8	32	0.0	51.5	10.8	1968	1968
2	61.7	16.5	72.2	22.3	87	30.6	72.2	22.3	87	30.6	1953	1953	51.3	10.7	35	1.7	51.3	10.7	1968	1968
3	62.3	16.8	72.7	22.6	87	30.6	72.7	22.6	87	30.6	1976	1976	52.0	11.1	29	-1.7	52.0	11.1	1947	1947
4	62.5	16.9	71.8	22.1	85	29.4	71.8	22.1	85	29.4	1961*	1961*	53.1	11.7	31	-0.6	53.1	11.7	1960	1960
5	61.7	16.5	71.1	21.7	87	30.6	71.1	21.7	87	30.6	1976	1976	52.2	11.2	32	0.0	52.2	11.2	1960	1960
6	60.8	16.0	69.4	20.8	88	31.1	69.4	20.8	88	31.1	1977	1977	52.2	11.2	31	-0.6	52.2	11.2	1960	1960
7	61.7	16.5	71.3	21.8	86	30.0	71.3	21.8	86	30.0	1956	1956	52.0	11.1	33	0.6	52.0	11.1	1954	1954
8	60.6	15.9	70.0	21.1	86	30.0	70.0	21.1	86	30.0	1974*	1974*	51.2	10.7	38	3.3	51.2	10.7	1971*	1971*
9	59.3	15.2	69.1	20.6	88	31.1	69.1	20.6	88	31.1	1974	1974	49.5	9.7	36	2.2	49.5	9.7	1965	1965
10	61.0	16.6	72.4	22.4	92	33.3	72.4	22.4	92	33.3	1974	1974	51.2	10.7	37	2.8	51.2	10.7	1957	1957
11	63.7	17.6	74.5	23.6	90	32.2	74.5	23.6	90	32.2	1974	1974	52.9	11.6	39	3.9	52.9	11.6	1961	1961
12	66.6	19.2	77.1	25.1	92	33.3	77.1	25.1	92	33.3	1973	1973	56.1	13.4	36	2.2	56.1	13.4	1960	1960
13	65.5	18.6	75.2	24.0	88	31.1	75.2	24.0	88	31.1	1975*	1975*	55.8	13.2	40	4.4	55.8	13.2	1960*	1960*
14	64.4	18.0	74.2	23.4	88	31.1	74.2	23.4	88	31.1	1973	1973	54.5	12.5	37	2.8	54.5	12.5	1951	1951
15	64.4	18.0	74.1	23.4	88	31.1	74.1	23.4	88	31.1	1964*	1964*	54.7	12.6	39	3.9	54.7	12.6	1970	1970
16	64.3	17.9	74.1	23.4	91	32.8	74.1	23.4	91	32.8	1945	1945	54.6	12.6	39	3.9	54.6	12.6	1954	1954
17	62.2	16.8	72.3	22.4	89	31.7	72.3	22.4	89	31.7	1945	1945	52.2	11.2	37	2.8	52.2	11.2	1947	1947
18	64.3	17.9	74.8	23.8	90	32.2	74.8	23.8	90	32.2	1945	1945	53.8	12.1	38	3.3	53.8	12.1	1962	1962
19	66.0	18.9	75.7	24.3	87	30.6	75.7	24.3	87	30.6	1977*	1977*	56.3	13.5	41	5.0	56.3	13.5	1949	1949
20	65.5	18.6	75.2	24.0	88	31.1	75.2	24.0	88	31.1	1945	1945	55.7	13.2	39	3.9	55.7	13.2	1956	1956
21	64.9	18.3	74.7	23.7	89	31.7	74.7	23.7	89	31.7	1977*	1977*	55.1	12.8	38	3.3	55.1	12.8	1971	1971
22	63.1	17.3	73.1	22.8	85	29.4	73.1	22.8	85	29.4	1968*	1968*	53.2	11.8	38	3.3	53.2	11.8	1960	1960
23	63.5	17.5	74.0	23.3	89	31.7	74.0	23.3	89	31.7	1952	1952	53.0	11.7	42	5.6	53.0	11.7	1963	1963
24	66.0	18.9	76.7	24.8	88	31.1	76.7	24.8	88	31.1	1975*	1975*	55.2	12.9	37	2.8	55.2	12.9	1968	1968
25	65.8	18.8	76.0	24.4	91	32.8	76.0	24.4	91	32.8	1954	1954	55.6	13.1	40	4.4	55.6	13.1	1968	1968
26	65.2	18.4	75.2	24.0	87	30.6	75.2	24.0	87	30.6	1949*	1949*	55.1	12.8	43	6.1	55.1	12.8	1956	1956
27	64.9	18.3	74.8	23.8	87	30.6	74.8	23.8	87	30.6	1945	1945	55.0	12.8	33	0.6	55.0	12.8	1955	1955
28	64.8	18.2	74.1	23.4	88	31.1	74.1	23.4	88	31.1	1949	1949	55.5	13.1	37	2.8	55.5	13.1	1955	1955
29	66.8	19.3	75.8	24.3	86	30.0	75.8	24.3	86	30.0	1977	1977	57.8	14.3	34	1.1	57.8	14.3	1955	1955
30	67.5	19.7	76.8	24.9	87	30.6	76.8	24.9	87	30.6	1977	1977	58.3	14.6	41	5.0	58.3	14.6	1955	1955
31	67.3	19.6	76.7	24.8	89	31.7	76.7	24.8	89	31.7	1974*	1974*	57.9	14.4	37	3.9	57.9	14.4	1950	1950
Monthly	63.9	17.7	73.8	23.2	92	33.3	73.8	23.2	92	33.3	1974*	1974*	54.0	12.2	29	-1.7	54.0	12.2	1947	1947

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION
93837

JACKSONVILLE, FLORIDA
STATION NAME

1945-1977

YEARS

APRIL

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	67.7	19.8	77.6	25.3	90	32.2	1974	1974	57.8	14.3	44	6.7	1964
2	68.3	20.2	77.8	25.4	90	32.2	1977	1977	58.7	14.8	46	7.8	1976
3	67.8	19.9	78.3	25.7	91	32.8	1945	1945	57.3	14.1	44	6.7	1976
4	69.1	20.6	78.9	26.1	92	33.3	1974	1974	59.3	15.2	40	4.4	1975
5	67.0	19.4	75.6	24.2	85	29.4	1947	1947	58.5	14.7	42	5.6	1975*
6	66.8	19.3	76.1	24.5	89	31.7	1947	1947	57.5	14.2	44	6.7	1977*
7	67.2	19.6	77.3	25.2	90	32.2	1947	1947	57.2	14.0	40	4.4	1950
8	69.0	20.6	79.4	26.3	88	31.1	1954*	1954*	58.5	14.7	40	4.4	1971
9	68.4	20.2	78.0	25.6	87	30.6	1947*	1947*	58.8	14.9	45	7.2	1971
10	67.8	19.9	77.1	25.1	89	31.7	1946	1946	58.6	14.8	43	6.1	1974
11	69.6	20.9	78.9	26.1	88	31.1	1962*	1962*	60.4	15.8	44	6.7	1973
12	70.0	21.1	79.2	26.2	90	32.2	1965*	1965*	60.7	15.9	44	6.7	1973
13	69.5	20.8	78.9	26.1	90	32.2	1974*	1974*	60.1	15.6	49	9.4	1973*
14	68.8	20.4	78.6	25.9	92	33.3	1972	1972	59.1	15.1	45	7.2	1959
15	69.4	20.8	79.2	26.2	93	33.9	1972	1972	59.0	15.3	43	6.1	1950
16	68.3	20.2	77.8	25.4	93	33.9	1972	1972	58.8	14.9	45	7.2	1952*
17	68.6	20.3	79.2	26.2	89	31.7	1977	1977	58.0	14.4	42	5.6	1962
18	70.0	21.1	80.2	26.8	89	31.7	1971*	1971*	59.6	15.4	49	9.4	1952
19	71.0	21.7	81.0	27.2	88	31.1	1975*	1975*	61.1	16.2	50	10.0	1962*
20	71.0	21.7	80.5	26.9	92	33.3	1972	1972	61.5	16.4	50	10.0	1956
21	71.5	21.9	80.5	26.9	92	33.3	1972	1972	62.5	16.9	50	10.0	1953
22	72.6	22.6	82.5	28.1	91	32.8	1972	1972	62.7	17.1	47	8.3	1962
23	73.7	23.2	83.2	28.4	90	32.2	1970*	1970*	64.2	17.9	55	12.8	1956*
24	74.1	23.4	83.8	28.6	93	33.9	1958	1958	64.3	17.9	57	13.9	1962*
25	72.7	22.6	81.6	27.6	92	33.3	1958	1958	63.9	17.7	53	11.7	1968
26	72.4	22.4	80.9	27.2	90	32.2	1945	1945	63.9	17.7	48	8.9	1974
27	72.5	22.5	81.9	27.7	89	31.7	1975*	1975*	63.1	17.3	44	6.7	1977
28	72.4	22.4	82.2	27.9	91	32.8	1948	1948	62.6	17.0	45	7.2	1977
29	73.1	22.8	82.8	28.2	90	32.2	1975*	1975*	63.4	17.4	49	9.4	1973*
30	73.7	23.2	83.1	28.4	90	32.2	1947	1947	64.2	17.9	51	10.6	1973
31													
Monthly	70.1	21.2	79.7	26.5	93	33.9	1972*	1972*	60.5	15.8	40	4.4	1975*

*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1977

93837

JACKSONVILLE, FLORIDA

1945-1977

MAY

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	74.5	23.6	83.7	28.7	91	32.8	83.7	28.7	91	32.8	65.4	18.6	54	12.2	1965
2	74.4	23.6	83.5	28.6	92	33.3	83.5	28.6	92	33.3	65.3	18.5	55	12.8	1971*
3	74.8	23.8	83.9	28.8	93	33.9	83.9	28.8	93	33.9	65.6	18.7	57	13.9	1976
4	73.3	22.9	82.5	28.1	94	34.4	82.5	28.1	94	34.4	64.2	17.9	50	10.0	1971
5	73.1	22.8	82.8	28.2	93	33.9	82.8	28.2	93	33.9	63.4	17.4	53	11.7	1976*
6	73.8	23.2	83.8	28.8	93	33.9	83.8	28.8	93	33.9	63.7	17.6	53	11.7	1973*
7	74.6	23.7	84.0	28.9	94	34.4	84.0	28.9	94	34.4	65.3	18.5	55	12.8	1958
8	74.7	23.7	84.4	29.1	95	35.0	84.4	29.1	95	35.0	65.0	18.3	52	11.1	1958
9	75.6	24.2	84.9	29.4	94	34.4	84.9	29.4	94	34.4	66.3	19.1	53	11.7	1960
10	74.7	23.7	83.6	28.7	94	34.4	83.6	28.7	94	34.4	65.8	18.8	55	12.8	1969
11	75.5	24.2	84.2	29.0	96	35.6	84.2	29.0	96	35.6	66.7	19.3	54	12.2	1961
12	75.6	24.2	84.6	29.2	96	35.6	84.6	29.2	96	35.6	66.5	19.2	56	13.3	1952
13	75.3	24.1	84.5	29.2	96	35.6	84.5	29.2	96	35.6	66.2	19.0	52	11.1	1977
14	75.9	24.4	85.3	29.6	96	35.6	85.3	29.6	96	35.6	66.5	19.2	52	11.1	1977
15	76.0	24.4	85.5	29.7	93	33.9	85.5	29.7	93	33.9	66.5	19.2	59	15.0	1960*
16	76.3	24.6	85.9	29.9	95	35.0	85.9	29.9	95	35.0	66.7	19.3	58	14.4	1973*
17	76.0	24.4	85.5	29.7	97	36.1	85.5	29.7	97	36.1	66.6	19.2	52	11.1	1973
18	76.7	24.8	86.2	30.1	94	34.4	86.2	30.1	94	34.4	67.2	19.6	58	14.4	1967
19	76.9	24.9	86.7	30.4	95	35.0	86.7	30.4	95	35.0	67.2	19.6	54	12.2	1977
20	77.5	25.3	87.4	30.8	94	34.4	87.4	30.8	94	34.4	67.5	19.7	52	11.1	1976
21	78.2	25.7	87.6	30.9	98	36.7	87.6	30.9	98	36.7	68.7	20.4	59	15.0	1954
22	78.1	25.6	86.8	30.4	97	36.1	86.8	30.4	97	36.1	69.4	20.8	60	15.6	1972*
23	77.9	25.5	86.8	30.4	96	35.6	86.8	30.4	96	35.6	68.9	20.5	59	15.0	1967
24	78.0	25.6	86.5	30.3	98	36.7	86.5	30.3	98	36.7	69.5	20.8	58	14.4	1967
25	78.6	25.9	87.8	31.0	99	37.2	87.8	31.0	99	37.2	69.4	20.8	59	15.0	1967
26	78.5	25.8	87.3	30.7	98	36.7	87.3	30.7	98	36.7	69.7	20.9	62	16.7	1972
27	78.2	25.7	86.6	30.3	98	36.7	86.6	30.3	98	36.7	69.9	21.1	60	15.6	1972
28	78.6	25.9	87.4	30.8	95	35.0	87.4	30.8	95	35.0	69.8	21.0	61	16.1	1972
29	78.6	25.9	87.0	30.6	95	35.0	87.0	30.6	95	35.0	70.1	21.2	64	17.8	1971*
30	78.6	25.9	87.9	31.1	98	36.7	87.9	31.1	98	36.7	69.2	20.7	58	14.4	1971
31	79.1	26.2	88.2	31.2	100	37.8	88.2	31.2	100	37.8	69.9	21.1	60	15.6	1971
Monthly	76.4	24.7	85.6	29.8	100	37.8	85.6	29.8	100	37.8	67.2	19.6	50	10.0	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93837

JACKSONVILLE, FLORIDA

1945-1977

JUNE

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		DATE		AVERAGE		MINIMUM TEMP		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C			° F	° C	° F	° C				
1	79.2	26.2	87.5	30.8	100	37.8	70.9	21.6	66	18.9	1971*		70.9	21.6	66	18.9	1971*			
2	78.4	25.8	86.2	30.1	95	35.0	70.6	21.4	65	18.3	1972		70.6	21.4	65	18.3	1972			
3	79.0	26.1	87.9	31.1	95	35.0	70.0	21.1	62	16.7	1965		70.0	21.1	62	16.7	1965			
4	78.8	26.0	86.4	30.2	96	35.6	71.3	21.8	63	20.0	1976*		71.3	21.8	63	20.0	1976*			
5	79.1	26.2	87.1	30.6	96	35.6	71.1	21.7	64	17.8	1972		71.1	21.7	64	17.8	1972			
6	78.5	25.8	86.9	30.5	96	35.6	70.1	21.2	64	17.8	1971		70.1	21.2	64	17.8	1971			
7	79.2	26.2	87.4	30.8	95	35.0	70.9	21.6	62	16.7	1970		70.9	21.6	62	16.7	1970			
8	79.7	26.5	88.2	31.2	96	35.6	71.1	21.7	60	15.6	1970		71.1	21.7	60	15.6	1970			
9	80.4	26.9	89.1	31.7	99	37.2	71.8	22.1	60	15.6	1976		71.8	22.1	60	15.6	1976			
10	80.7	27.1	89.4	31.9	99	37.2	72.1	22.3	63	17.2	1970		72.1	22.3	63	17.2	1970			
11	80.2	26.8	88.2	31.2	98	36.7	72.3	22.4	62	16.7	1960		72.3	22.4	62	16.7	1960			
12	81.0	27.2	89.8	32.1	97	36.1	72.2	22.3	65	18.3	1970*		72.2	22.3	65	18.3	1970*			
13	81.5	27.5	90.2	32.3	102	38.9	72.6	22.7	66	18.9	1955		72.6	22.7	66	18.9	1955			
14	81.2	27.3	89.7	32.1	99	37.2	72.7	22.6	67	19.4	1974		72.7	22.6	67	19.4	1974			
15	81.2	27.3	89.4	31.9	96	36.7	73.1	22.8	67	19.4	1974		73.1	22.8	67	19.4	1974			
16	81.2	27.3	89.3	31.8	96	35.6	73.1	22.8	66	18.9	1974		73.1	22.8	66	18.9	1974			
17	80.8	27.1	88.8	31.6	97	36.1	72.7	22.6	62	16.7	1961		72.7	22.6	62	16.7	1961			
18	80.8	27.1	89.2	31.8	98	36.7	72.5	22.5	62	16.7	1961		72.5	22.5	62	16.7	1961			
19	81.1	27.3	89.4	31.9	97	36.1	72.8	22.7	64	17.8	1965*		72.8	22.7	64	17.8	1965*			
20	81.4	27.4	89.7	32.1	98	36.7	73.1	22.8	64	17.8	1965		73.1	22.8	64	17.8	1965			
21	81.8	27.7	89.8	32.1	98	36.7	73.7	23.2	62	16.7	1965		73.7	23.2	62	16.7	1965			
22	81.8	27.7	90.4	32.4	97	36.1	73.3	22.9	66	18.9	1965		73.3	22.9	66	18.9	1965			
23	81.4	27.4	89.4	31.9	96	35.6	73.3	22.9	69	20.6	1947		73.3	22.9	69	20.6	1947			
24	81.2	27.3	89.3	31.8	99	37.2	73.1	22.8	68	20.0	1947		73.1	22.8	68	20.0	1947			
25	81.8	27.7	90.2	32.3	99	37.2	73.4	23.0	68	20.0	1946		73.4	23.0	68	20.0	1946			
26	81.5	27.5	90.1	32.3	102	38.9	73.0	22.8	66	18.9	1973		73.0	22.8	66	18.9	1973			
27	82.0	27.8	90.6	32.6	102	38.9	73.5	23.1	67	19.4	1974		73.5	23.1	67	19.4	1974			
28	82.2	27.9	90.4	32.4	100	37.8	74.1	23.4	69	20.6	1974		74.1	23.4	69	20.6	1974			
29	81.5	27.5	89.4	31.9	98	36.7	73.7	23.2	66	18.9	1974		73.7	23.2	66	18.9	1974			
30	82.1	27.8	90.5	32.5	100	37.8	73.7	23.2	68	20.0	1972		73.7	23.2	68	20.0	1972			
31																				
Monthly	80.7	27.1	89.0	31.7	102	38.9	72.4	22.4	60	15.6	1976*		72.4	22.4	60	15.6	1976*			

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93837

JACKSONVILLE, FLORIDA

1945-1977

JULY

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		EXTREME		DATE		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C			° F	° C	° F	° C	
1	81.9	27.7	90.1	32.3	96	35.6	1950*		73.8	23.2	68	20.0	1970
2	82.4	28.0	90.7	32.6	99	37.2	1953		74.1	23.4	68	20.0	1950
3	81.9	27.7	90.2	32.3	99	37.2	1953		73.6	23.1	70	21.1	1977*
4	81.8	27.7	90.2	32.3	97	36.1	1953		73.4	23.0	67	19.4	1975
5	82.2	27.9	90.7	32.6	96	35.6	1963		73.7	23.2	67	19.4	1975
6	82.4	28.0	90.7	32.6	97	36.1	1977		74.2	23.4	66	18.9	1975
7	82.7	28.2	91.1	32.8	98	36.7	1977*		74.3	23.5	68	20.0	1947
8	81.8	27.7	90.0	32.2	98	36.7	1977		73.7	23.2	69	20.6	1964*
9	81.4	27.4	89.1	31.7	98	36.7	1962		73.7	23.2	69	20.6	1974
10	81.5	27.5	89.1	31.7	98	36.7	1957		74.0	23.3	70	21.1	1976*
11	81.6	27.6	89.7	32.1	96	35.6	1977*		73.5	23.1	70	21.1	1972*
12	82.2	27.9	90.7	32.6	96	35.6	1977*		73.8	23.2	70	21.1	1951
13	82.5	28.1	90.4	32.4	97	36.1	1969*		74.5	23.6	71	21.7	1958
14	83.3	28.5	91.6	33.1	97	36.1	1951		74.9	23.8	70	21.1	1974*
15	83.2	28.4	91.1	32.8	99	37.2	1976		75.2	24.0	68	20.0	1974
16	83.2	28.4	91.1	32.8	99	37.2	1976		75.2	24.0	71	21.7	1967
17	82.6	28.1	90.6	32.6	96	35.6	1976*		74.6	23.7	71	21.7	1970*
18	82.3	27.9	90.0	32.2	96	35.6	1948		74.6	23.7	68	20.0	1970
19	82.3	27.9	90.3	32.4	97	36.1	1954		74.2	23.4	70	21.1	1967
20	82.4	28.0	90.3	32.4	98	36.7	1963		74.5	23.6	69	20.6	1965
21	82.6	28.1	90.3	32.4	98	36.7	1952		74.8	23.8	69	20.6	1964
22	82.6	28.1	90.7	32.6	98	36.7	1977		74.6	23.7	68	20.0	1967*
23	82.7	28.2	90.7	32.6	97	36.1	1952		74.8	23.8	64	17.8	1965
24	83.3	28.5	91.4	33.0	99	37.2	1952		75.3	24.1	71	21.7	1976*
25	82.6	28.1	90.4	32.4	100	37.8	1952		74.8	23.8	69	20.6	1977
26	82.2	27.9	89.8	32.1	97	36.1	1977*		74.5	23.6	71	21.7	1967
27	83.0	28.3	91.2	32.9	95	35.0	1976*		74.9	23.8	72	22.2	1976*
28	82.8	28.2	90.8	32.7	98	36.7	1949		74.9	23.8	72	22.2	1974*
29	82.9	28.3	91.0	32.8	99	37.2	1949		74.7	23.7	71	21.7	1951
30	82.7	28.2	90.6	32.6	97	36.1	1961		74.7	23.7	68	20.0	1974
31	82.6	28.1	90.7	32.6	98	36.7	1961		74.4	23.6	67	19.4	1972
Monthly	82.4	28.0	90.5	32.5	100	37.8	1952		74.4	23.6	64	17.8	1965

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

93837

JACKSONVILLE, FLORIDA

1945-1977

AUGUST

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		MAXIMUM TEMP				MINIMUM TEMP					
	AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME			
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C		
1	82.5	28.1	90.4	32.4	98	36.7	1953	74.5	23.6	69	20.6	1952
2	82.9	28.3	91.5	33.1	98	36.7	1951	74.4	23.6	69	20.6	1968
3	82.7	28.2	91.2	32.9	99	37.2	1970	74.3	23.5	68	20.0	1975
4	83.1	28.4	91.4	33.0	98	36.7	1954*	74.7	23.7	70	21.1	1972*
5	82.8	28.2	90.8	32.7	99	37.2	1954	74.9	23.8	70	21.1	1969
6	82.6	28.1	90.6	32.6	98	36.7	1954	74.6	23.7	69	20.6	1974*
7	83.0	28.3	91.3	32.9	99	37.2	1956	74.7	23.7	68	20.0	1950
8	82.9	28.3	91.0	32.8	98	36.7	1963*	74.8	23.8	71	21.7	1975*
9	82.6	28.1	90.8	32.7	98	36.7	1963	74.5	23.6	69	20.6	1965
10	82.6	28.1	90.9	32.7	98	36.7	1963	74.2	23.4	69	20.6	1971
11	82.8	28.2	91.3	32.9	98	36.7	1963	74.3	23.5	68	20.0	1972
12	82.4	28.0	90.2	32.3	99	37.2	1954	74.6	23.7	67	19.4	1972
13	82.2	27.9	89.9	32.2	98	36.7	1963	74.4	23.6	69	20.6	1967
14	82.4	28.0	90.4	32.4	97	36.1	1953	74.5	23.6	70	21.1	1976*
15	82.4	28.0	89.9	32.2	96	35.6	1956	74.9	23.8	69	20.6	1976
16	82.5	28.1	90.5	32.5	97	36.1	1958	74.4	23.6	70	21.1	1976*
17	82.7	28.2	90.7	32.6	100	37.8	1954	74.8	23.8	69	20.6	1974
18	81.9	27.7	89.5	31.9	96	35.6	1975*	74.3	23.5	70	21.1	1972
19	82.1	27.8	89.9	32.2	99	37.2	1954	74.3	23.5	70	21.1	1964*
20	82.0	27.8	89.6	32.0	97	36.1	1951	74.3	23.5	68	20.0	1972
21	82.0	27.8	89.9	32.2	96	35.6	1960*	74.0	23.3	66	18.9	1976
22	82.1	27.8	89.7	32.1	96	35.6	1958	74.5	23.6	67	19.4	1973
23	82.0	27.8	89.7	32.1	98	36.7	1966*	74.3	23.5	70	21.1	1977*
24	81.5	27.5	88.8	31.6	95	35.0	1955	74.3	23.5	68	20.0	1957
25	81.6	27.6	88.6	31.4	95	35.0	1959	74.5	23.6	66	18.9	1957
26	81.9	27.7	89.5	31.9	96	35.6	1959*	74.3	23.5	69	20.6	1969*
27	81.4	27.4	88.8	31.6	100	37.8	1954	74.1	23.4	64	17.8	1969
28	81.5	27.5	88.5	31.4	99	37.2	1954	74.5	23.6	68	20.0	1968
29	81.5	27.5	88.6	31.4	97	36.1	1951	74.5	23.6	68	20.0	1968
30	81.7	27.6	88.9	31.6	96	35.6	1948	74.5	23.6	70	21.1	1976*
31	81.7	27.6	88.8	31.6	98	36.7	1954	74.6	23.7	69	20.6	1967
Monthly	82.3	27.9	90.0	32.2	100	37.8	1954	74.5	23.6	64	17.8	1969

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1977

STATION

93837 JACKSONVILLE, FLORIDA

1945-1977

SEPTEMBER

MONTH

YEARS

STATION NAME

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		MINIMUM TEMP		AVERAGE		EXTREME		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	81.4	27.4	88.9	31.6	98	36.7	1958	73.9	23.3	69	20.6	1966	73.9	23.3	69	20.6	1966
2	81.4	27.4	89.0	31.7	96	35.6	1970*	73.8	23.2	66	18.9	1972	73.8	23.2	66	18.9	1972
3	80.7	27.1	88.0	31.1	97	36.1	1957	73.4	23.0	62	16.7	1972	73.4	23.0	62	16.7	1972
4	81.0	27.2	88.2	31.2	96	35.6	1951*	73.8	23.2	65	18.3	1972	73.8	23.2	65	18.3	1972
5	80.9	27.2	87.8	31.0	96	35.6	1951	73.9	23.3	66	18.9	1967	73.9	23.3	66	18.9	1967
6	80.7	27.1	87.8	31.0	95	35.0	1947	73.5	23.1	67	19.4	1946	73.5	23.1	67	19.4	1946
7	80.6	27.0	87.3	30.7	96	35.6	1977	73.9	23.3	65	18.3	1972	73.9	23.3	65	18.3	1972
8	80.7	27.1	87.2	30.7	94	34.4	1977	74.2	23.4	61	16.1	1972	74.2	23.4	61	16.1	1972
9	80.7	27.1	87.8	31.0	96	35.6	1948*	73.6	23.1	62	16.7	1972	73.6	23.1	62	16.7	1972
10	80.3	26.8	87.7	30.9	98	36.7	1945	73.0	22.8	65	18.3	1956	73.0	22.8	65	18.3	1956
11	80.0	26.7	87.1	30.6	95	35.0	1957	72.8	22.7	67	19.4	1976	72.8	22.7	67	19.4	1976
12	79.9	26.6	86.5	30.3	93	33.9	1962	73.3	22.9	66	18.9	1953	73.3	22.9	66	18.9	1953
13	79.6	26.4	87.1	30.6	93	33.9	1962	72.2	22.3	65	18.3	1964	72.2	22.3	65	18.3	1964
14	79.7	26.5	87.2	30.7	95	35.0	1945	72.2	22.3	64	17.8	1976*	72.2	22.3	64	17.8	1976*
15	79.2	26.2	86.0	30.0	93	33.9	1972*	72.5	22.5	63	17.2	1976	72.5	22.5	63	17.2	1976
16	80.0	26.7	87.2	30.7	95	35.0	1972	72.8	22.7	64	17.8	1967	72.8	22.7	64	17.8	1967
17	80.2	26.8	87.5	30.8	95	35.0	1950	72.8	22.7	61	16.1	1967	72.8	22.7	61	16.1	1967
18	79.8	26.6	86.7	30.4	95	35.0	1958	73.0	22.8	65	18.3	1976	73.0	22.8	65	18.3	1976
19	79.9	26.6	87.2	30.7	95	35.0	1958*	72.7	22.6	66	18.9	1976*	72.7	22.6	66	18.9	1976*
20	80.3	26.8	87.5	30.8	94	34.4	1955*	73.0	22.8	65	18.3	1956	73.0	22.8	65	18.3	1956
21	80.4	26.9	87.4	30.8	96	35.6	1945	73.4	23.0	68	20.0	1976*	73.4	23.0	68	20.0	1976*
22	79.6	26.4	86.5	30.3	93	33.9	1955	72.7	22.6	60	15.6	1972	72.7	22.6	60	15.6	1972
23	78.3	25.7	85.1	29.5	93	33.9	1957	71.6	22.0	58	14.4	1966	71.6	22.0	58	14.4	1966
24	78.3	25.7	84.7	29.3	93	33.9	1951	72.0	22.2	62	16.7	1966	72.0	22.2	62	16.7	1966
25	77.6	25.3	84.1	28.9	91	32.8	1977*	71.1	21.7	60	15.6	1967	71.1	21.7	60	15.6	1967
26	78.1	25.6	84.4	29.1	93	33.9	1977*	71.8	22.1	59	15.0	1975	71.8	22.1	59	15.0	1975
27	77.7	25.4	84.5	29.2	94	34.4	1977	70.9	21.6	57	13.9	1956	70.9	21.6	57	13.9	1956
28	77.4	25.2	84.1	28.9	93	33.9	1977*	70.8	21.6	62	16.7	1947	70.8	21.6	62	16.7	1947
29	77.4	25.2	84.2	29.0	91	32.8	1972*	70.6	21.4	57	13.9	1967	70.6	21.4	57	13.9	1967
30	76.9	24.9	84.2	29.0	93	33.9	1959	69.6	20.9	55	12.8	1967	69.6	20.9	55	12.8	1967
31																	
Monthly	79.6	26.4	86.6	30.3	96	36.7	1958*	72.6	22.6	55	12.8	1967	72.6	22.6	55	12.8	1967

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

2

12/25/77 10416/54231

93837

JACKSONVILLE, FLORIDA

1945-1977

OCTOBER

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	
1	77.1	25.1	84.6	29.2	93	33.9	69.6	20.9	1977*
2	76.7	24.8	84.1	28.9	96	35.6	69.2	20.7	1959
3	75.9	24.4	82.9	28.3	95	35.0	68.9	20.5	1962
4	75.4	24.1	82.7	28.2	92	33.3	68.2	20.1	1971
5	75.0	23.9	82.3	27.9	93	33.9	67.7	19.8	1951
6	75.2	24.0	82.2	27.9	95	35.0	68.2	20.1	1951
7	75.1	23.9	82.3	27.9	94	34.4	67.9	19.9	1951
8	75.5	24.2	83.2	28.4	90	32.2	67.9	19.9	1976
9	74.8	23.8	82.0	27.8	91	32.8	67.5	19.7	1959
10	73.2	22.9	81.1	27.3	88	31.1	65.4	18.6	1958
11	72.8	22.7	80.5	26.9	91	32.8	65.1	18.4	1959
12	72.8	22.7	81.0	27.2	89	31.7	64.5	18.1	1959
13	72.5	22.5	80.1	26.7	88	31.1	65.0	18.3	1959
14	72.9	22.7	80.6	27.0	92	33.3	65.1	18.4	1945
15	72.6	22.6	80.8	27.1	90	32.2	64.4	18.0	1971
16	71.9	22.2	79.6	26.4	89	31.7	64.3	17.9	1966
17	71.5	21.9	78.9	26.1	87	30.6	64.1	17.8	1966
18	70.7	21.5	79.3	26.3	88	31.1	62.1	16.7	1968*
19	70.7	21.5	79.4	26.3	89	31.7	61.9	16.6	1966
20	68.9	20.5	77.3	25.2	88	31.1	60.5	15.8	1950
21	68.6	20.3	77.0	25.0	85	29.4	60.2	15.7	1971*
22	69.7	20.9	78.0	25.6	86	30.0	61.4	16.3	1949*
23	70.5	21.4	79.0	26.1	90	32.2	62.0	16.7	1949
24	70.7	21.5	79.2	26.2	89	31.7	62.1	16.7	1949
25	70.0	21.1	78.0	25.6	86	30.0	62.0	16.7	1970*
26	68.9	20.5	77.6	25.3	88	31.1	60.1	15.6	1949
27	68.2	20.1	77.2	25.1	85	29.4	59.1	15.1	1963*
28	69.0	20.6	77.5	25.3	87	30.6	60.6	15.9	1963
29	67.3	19.6	75.3	24.1	87	30.6	59.3	15.2	1949
30	67.5	19.7	75.5	24.2	87	30.6	59.5	15.3	1951
31	68.4	20.2	76.8	24.9	86	30.0	60.0	15.6	1950
Monthly	71.9	22.2	79.9	26.6	96	35.6	64.0	17.8	1959

* ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMPERATURES MAR 1978

93837

JACKSONVILLE, FLORIDA

1945-1977

NOVEMBER

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		MAXIMUM TEMP			MINIMUM TEMP		
	° F	° C	AVERAGE ° F	° C	EXTREME ° F	AVERAGE ° F	° C	EXTREME ° F
1	68.3	20.2	77.3	25.2	87	59.4	15.2	43
2	68.0	20.0	76.8	24.9	87	59.1	15.1	43
3	66.5	19.2	75.9	24.4	88	57.1	13.9	32
4	64.5	18.1	73.6	23.1	85	55.5	13.1	37
5	64.5	18.1	74.0	23.3	88	55.1	12.8	41
6	65.2	18.4	73.7	23.2	86	56.6	13.7	35
7	64.3	17.9	73.8	23.2	86	54.9	12.7	40
8	63.5	17.5	72.5	22.5	83	54.0	12.6	34
9	63.6	17.6	73.3	22.9	85	53.9	12.2	27
10	63.6	17.6	73.0	22.6	86	54.2	12.3	37
11	64.0	17.8	73.2	22.9	86	54.8	12.7	37
12	64.1	17.8	73.1	22.8	85	55.2	12.9	36
13	64.0	17.8	72.5	22.5	86	55.5	13.1	32
14	63.4	17.4	72.6	22.6	83	54.2	12.3	35
15	64.2	17.9	74.0	23.3	84	54.4	12.4	32
16	65.4	18.6	74.7	23.7	87	56.0	13.3	30
17	65.5	18.6	75.1	23.9	86	56.0	13.3	35
18	64.9	18.3	74.2	23.4	84	55.6	13.1	34
19	64.1	17.8	73.7	23.2	85	54.5	12.5	34
20	62.1	16.7	70.8	21.6	83	53.3	11.8	38
21	61.8	16.6	71.3	21.8	85	52.3	11.3	36
22	60.6	15.9	70.1	21.2	88	51.1	10.6	37
23	61.5	16.4	70.9	21.6	83	52.2	11.2	32
24	61.8	16.6	71.4	21.9	83	52.3	11.3	28
25	60.4	15.8	70.1	21.2	85	50.7	10.4	21
26	59.5	15.3	69.7	20.9	85	49.2	9.6	26
27	62.4	16.9	72.3	22.4	85	52.6	11.4	27
28	62.5	16.9	70.9	21.6	86	54.1	12.3	33
29	58.8	14.9	67.9	19.9	82	49.6	9.8	33
30	56.4	13.6	65.5	18.6	81	47.3	8.5	30
31								
Monthly	63.3	17.4	72.6	22.6	88	54.0	12.2	21

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

25 DAILY AVERAGE/EXTREME TEMP MAR 1978

93837

JACKSONVILLE, FLORIDA

1945-1977

DECEMBER

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		MAXIMUM TEMP				MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME		
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	55.5	13.1	64.9	18.3	80	26.7	1968	46.1	7.8	32	0.0
2	57.7	14.3	67.5	19.7	83	28.3	1968	47.8	8.8	34	1.1
3	59.0	15.0	69.0	20.6	83	28.3	1968	49.1	9.5	34	1.1
4	57.8	14.3	67.5	19.7	78	25.6	1973*	48.1	8.9	34	1.1
5	59.0	15.0	69.2	20.7	80	26.7	1961	48.6	9.3	34	1.1
6	59.4	15.2	69.4	20.8	84	28.9	1972	49.5	9.7	33	0.6
7	58.5	14.7	67.7	19.8	81	27.2	1951*	49.3	9.6	28	-2.2
8	58.9	14.9	68.0	20.0	83	28.3	1951	49.8	9.9	35	1.7
9	58.3	14.6	68.2	20.1	85	29.4	1972	48.5	9.2	32	0.0
10	57.5	14.2	67.0	19.4	83	28.3	1972	48.1	8.9	31	-0.6
11	57.0	13.9	66.5	19.2	83	28.3	1972	47.5	8.6	30	-1.1
12	58.2	14.6	67.2	19.6	82	27.8	1948	49.2	9.6	22	-5.6
13	58.7	14.8	67.6	19.8	85	29.4	1972	49.7	9.8	14	-10.0
14	57.9	14.4	67.7	19.8	85	29.4	1972	48.2	9.0	21	-6.1
15	56.6	13.7	65.5	18.6	87	30.6	1972	47.7	8.7	25	-3.9
16	54.5	12.5	63.5	17.5	84	28.9	1971	45.5	7.5	25	-3.9
17	55.2	12.9	64.4	18.0	82	27.8	1971	46.1	7.8	28	-2.2
18	55.3	12.9	65.3	18.5	80	26.7	1961	45.4	7.4	27	-2.8
19	55.6	13.1	65.8	18.8	83	28.3	1949	45.3	7.4	26	-3.3
20	56.5	13.6	65.9	18.8	82	27.8	1967	47.2	8.4	30	-1.1
21	55.9	13.3	65.2	18.4	82	27.8	1951	46.6	8.1	30	-1.1
22	55.3	12.9	65.2	18.4	82	27.8	1970	45.4	7.4	24	-4.4
23	56.2	13.4	66.3	19.1	83	28.3	1956	46.1	7.8	27	-2.8
24	56.1	13.4	65.6	18.7	77	25.0	1970	46.5	8.1	27	-2.8
25	57.1	13.9	66.2	19.0	81	27.2	1974	47.9	8.8	27	-2.8
26	54.6	12.6	63.7	17.6	60	26.7	1971	45.5	7.5	25	-3.9
27	55.8	13.2	65.9	18.8	78	25.6	1971	45.8	7.7	29	-1.7
28	57.0	13.9	66.1	18.9	83	28.3	1971	47.9	8.8	29	-1.7
29	58.5	14.7	68.0	20.0	81	27.2	1971	48.9	9.4	29	-1.7
30	59.2	15.1	68.0	20.0	82	27.8	1974*	50.4	10.2	26	-3.3
31	59.6	15.3	68.6	20.3	81	27.2	1971	50.6	10.3	35	1.7
Monthly	57.2	14.0	66.7	19.3	87	30.6	1972	47.7	8.7	14	-10.0

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93837

JACKSONVILLE, FLORIDA

45-77

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45	75	84	91	91	100	100	95	96	98	92	83	75	100
46	81	79	87	89	91	97	95	96	93	88	86	80	97
47		76	81	90	93	96	93	97	96		83	80	
48	80	82	86	91	95	96	96	96	96	86	86	82	96
49	83	86	88	88	93		99	95	95	90	82	83	
50	84	84	86		95	102	96	96	95	88	87	78	
51	80	84	86	86	96	96	97	98	96	95	83	83	98
52	82	80	89	88	93	102	100	95	95	89	80	78	102
53	78	86	87	88	99	98	99	98	92	86	83	80	99
54	60	80	91	89	91	100	98	100	95	91	81	76	100
55	78	81	87	89	94	96	94	96	94	89	84	79	96
56	78	83	87	86	95	92	97	99	92	87	83	83	99
57	83	86	82	87	93	94	98	95	97	82	86	75	98
58	74	78	80	93	92	97	97	97	98	93	87	78	98
59	78	85	81	88	95	100	96	97	94	96	88	78	100
60	79	77	83	86	96	96	96	98	90	88	83	77	98
61	72	85	86	87	94	96	98	97	92	88	87	82	98
62	84	89	88	90	98	93	98	98	94	95	82	76	98
63	81	80	86	89	97	99	98	98	95	87	81	78	99
64	77	76	88	89	94	97	92	94		90	83	77	
65	78	82	87	90	92	90	91	92	91	88	82	78	92
66	78	85	83	88	89	90	95	98	93	90	85	77	96
67	81	80	88	90	96	92	93	92	89	86	82	82	96
68	78	79	86	91	94	92	96	95	92		84	83	
69	78	79	84	89	90	95	97	94	89	87	81	81	97
70	80	75	88	91	91	96	95	99	96	90	83	82	99
71	82	83	87	89	91	97	96	95	91	94	87	84	97
72	84	86	86	93	90	98	96	94	95	85	88	87	98
73	84	79	92	85	96	93		94	93	92	88	80	
74	87	84	92	92	95	95	94	94	91	86	85	82	95
MEAN													
S. D.													
TOTAL OBS.													

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

JACKSONVILLE, FLORIDA

93837

STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE
STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE

YEARS

WHOLE DECKES FAHRENHEIT

[illegible]

NAVWEASERVCOM

(FROM DAILY OBSERVATIONS)

93837

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

NAVWEASERVCOM

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

45-77

JACKSONVILLE, FLORIDA

93837

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45	39	33	50	51	53	71	73	71	70	50	36	33	33
46	36	39	47	33	64	66	72	70	67	56	48	41	36
47	33	29	29	34	60	68	68	72	62	43	43	40	
48	23	34	45	58	60	65	70	71	66	52	47	38	23
49	31	45	37	50	60	71	71	71	61	62	38	38	
50	48	38	38		61	70	68	68	65	56	21	27	
51	30	25	37	45	58	67	70	72	67	53	34	29	25
52	32	39	40	44	56	70	71	69	68	43	40	30	30
53	33	38	45	50	62	70	71	70	66	47	41	29	29
54	35	41	33	51	57	65	71	72	70	47	32	30	30
55	31	28	33	52	59	65	73	73	69	48	32	33	28
56	29	40	39	49	62	66	72	71	57	58	33	34	29
57	30	40	37	50	53	71	70	66	69	40	40	25	25
58	24	24	39	50	52	65	71	70	69	50	45	33	24
59	25	40	40	45	64	69	71	73	68	50	30	35	25
60	27	32	31	50	53	62	72	70	71	56	45	24	24
61	27	37	39	42	54	62	71	68	66	44	43	25	25
62	28	36	32	42	57	70	69	71	58	45	37	14	14
63	25	30	40	45	58	67	72	74	64	44	36	28	25
64	23	34	41	44	58	70	69	70		42	41	32	
65	25	30	36	50	54	62	64	69	67	47	40	32	25
66	20	29	36	50	60	68	72	71	58	52	37	30	20
67	35	25	44	49	58	67	68	69	55	52	40	35	25
68	29	32	32	53	57	67	70	68	69		32	25	
69	38	34	39	54	55	67	73	64	68	58	30	34	30
70	19	25	39	52	54	60	68	72	63	56	28	29	19
71	25	30	36	40	50	64	74	69	64	54	42	45	25
72	33	35	41	48	60	64	67	67	60	49	41	32	32
73	31	33	40	44	52	66	67	67	70	41	44	24	
74	51	27	41	43	58	66	68	69	62	46	35	27	27
MEAN													
S. D.													
TOTAL OBS.													

(FROM DAILY OBSERVATIONS)

JACKSONVILLE, FLORIDA

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

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PSYCHROMETRIC SUMMARY

93837 JACKSONVILLE, FLORIDA 72-77 JAN 68

PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL							
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
86/ 85								.2	.2									4	4							
84/ 83							.2	.4	.1									9	9							
82/ 81						.3	.6	.4	.3									20	20							
80/ 79						.5	.5	.2	.1									16	16							
78/ 77					.5	.5	.3	.2										18	18							
76/ 75				.1	.4	.5	.2	.1										15	15							
74/ 73			.1	.6	.4	.6	.3	.2	.1									29	29	1						
72/ 71		.1	1.0	1.1	.9	.2	.5	.1	.1	.2								49	49	14						
70/ 69		.2	1.9	1.0	.7	.1	.2	.1	.2	.1								55	55	28						
68/ 67		.7	1.9	1.2	.8	.4	.2	.2	.1	.1								67	67	57	6					
66/ 65		1.8	.7	1.0	.5	.6	.5		.1	.2								66	66	73	60					
64/ 63	.2	2.1	.6	1.9	.2	.4	.1	.2	.1									71	71	81	78					
62/ 61	.2	2.9	1.5	1.0	.6	.3	.2		.2									86	86	72	86					
60/ 59	.2	2.6	.8	1.2	.3	.4	.1	.1	.1									72	72	83	54					
58/ 57	.2	1.7	1.0	.6	.1	.2	.1	.4		.1								55	55	84	89					
56/ 55		2.3	1.6	.9	.3	.4	.2	.2	.1									74	74	58	67					
54/ 53	.1	1.5	1.3	.6	.4	.3	.2	.2										56	56	79	71					
52/ 51	.1	1.1	.9	.6	.4	.3	.2	.3										49	49	53	63					
50/ 49	.2	1.4	1.5	.6	.3	.1	.1	.1										51	51	54	51					
48/ 47		1.3	.6	.9	.1	.7	.3	.1										50	50	52	48					
46/ 45		1.6	.7	.9	.4	.6		.1										54	54	56	61					
44/ 43		.6	1.1	.6	.4	.2	.2											38	38	46	32					
42/ 41	.2	1.1	1.3	.5	.3	.2												45	45	42	43					
40/ 39		1.7	1.1	.8	.2	.2												50	50	58	34					
38/ 37		.9	.7	.8	.6	.2												39	39	59	41					
36/ 35		.5	.6	.6	.2	.2												27	27	44	48					
34/ 33	.2	.2	1.2	.3	.2													27	27	36	47					
32/ 31		.2	.2	.3	.2													11	11	22	32					
30/ 29		.6	.3	.4	.1													18	18	33	24					
28/ 27		.2	.2	.2														6	6	22	22					
26/ 25			.3	.2														6	6	12	29					
24/ 23		.2	.1	.1														4	4	8	35					
22/ 21		.2	.1															3	3	8	23					
20/ 19																				4	17					
Element (X)	ΣX ²																ΣX		Mean No. of Hours with Temperature							Total
Rel. Hum.																			≤ 0 F							
Dry Bulb																			≥ 32 F							
Wet Bulb																			≥ 67 F							
Dew Point																			≥ 73 F							

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PSYCHROMETRIC SUMMARY

05 PSYCHROMETRIC SUMMARY JAN 68

93837 JACKSONVILLE, FLORIDA 73-77

STATION NAME

YEARS

MONTH

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL																									
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point								
84/ 83													.2	.3	.4	.5	.6	.7	.8	.9																								
82/ 81												.2	.3	.3	.3	.3	.3	.3	.3			.1			.1																			
80/ 79	.1									.2	.3	.6	.3	.3	.3	.3	.3	.3	.3																									
78/ 77						.2	.3	.4	.5	.6	.7	.1	.5	.4	.4	.4	.4	.4	.4				.1																					
76/ 75					.4	.5	.6	.7	.8	.9	.1	.5	.4	.4	.4	.4	.4	.4	.4																									
74/ 73					.5	.6	.7	.8	.9	1.0	1.1	.7	.2	.2	.2	.2	.2	.2	.2			.1																						
72/ 71		.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	.3	.4	.4	.4	.4	.4	.4	.4																									
70/ 69		.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	.3	.4	.5	.5	.5	.5	.5	.5			.1																						
68/ 67		.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	.4	.6	.6	.6	.6	.6	.6	.6																									
66/ 65	.1	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	.2	.4	.5	.5	.5	.5	.5	.5																									
64/ 63	.1	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	.3	.2	.2	.2	.2	.2	.2	.2			.1																						
62/ 61	.1	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	.5	.4	.6	.6	.6	.6	.6	.6																									
60/ 59	.1	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	.4	.4	.4	.4	.4	.4	.4	.4																									
58/ 57		2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	.3	.6	.6	.6	.6	.6	.6	.6																									
56/ 55		2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	.4	.7	.3	.5	.5	.5	.5	.5																									
54/ 53		1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	.5	.4	.4	.4	.4	.4	.4	.4																									
52/ 51		1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	.8	.6	.1	.1	.1	.1	.1	.1																									
50/ 49	.1	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	.8	.6	.1	.1	.1	.1	.1	.1																									
48/ 47		1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	.5	.6	.3	.3	.3	.3	.3	.3																									
46/ 45		1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	.8	.4	.1	.1	.1	.1	.1	.1																									
44/ 43		.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	.6	.4																															
42/ 41	.1	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	.8	.2																															
40/ 39	.1	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	.4	.7																															
38/ 37	.1	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	.2																																
36/ 35	.1	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	.4																																
34/ 33		.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	.3																																
32/ 31		.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	.2																																
30/ 29		.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	.1																																
28/ 27																																												
26/ 25																																												
24/ 23																																												
22/ 21																																												
20/ 19																																												
18/ 17																																												
Element (X)	ΣX ²																ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature																Total			
Rel. Hum.																									≤ 32 F ≤ 33 F ≤ 34 F ≤ 35 F ≤ 36 F ≤ 37 F ≤ 38 F ≤ 39 F ≤ 40 F ≤ 41 F ≤ 42 F ≤ 43 F ≤ 44 F ≤ 45 F ≤ 46 F ≤ 47 F ≤ 48 F ≤ 49 F ≤ 50 F ≥ 51 F																			
Dry Bulb																																												
Wet Bulb																																												
Dew Point																																												

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PSYCHROMETRIC SUMMARY

93837 STATION JACKSONVILLE, FLORIDA 73-77 YEARS

16/15 14/13 12/11 TOTAL

Temp. (F)

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

WET BULB TEMPERATURE DEPRESSION (F)

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						TOTAL	
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	D.B./W.B.	Wet Bulb Dew Point
Rel. Hum.	5483701	75243	66.7	20.304	1128								
Dry Bulb	3808844	64232	56.9	11.585	1128		9.5	150.1	60.2	11.3			
Wet Bulb	3044085	57347	50.8	10.681	1128		31.6	41.7	1.2			1128	1128
Dew Point	2448156	50248	44.5	13.644	1128		150.7	13.1	.6			1128	1128

PSYCHROMETRIC SUMMARY

93837

JACKSONVILLE, FLORIDA

73-77

MAK

MONTH

YEARS

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
92/ 91																						.1											1	1	
90/ 89																					.2				.1							5	5		
88/ 87																	.1	.1			.1											2	2		
86/ 85																.7	.1	.1	.2				.1	.1	.1							28	28		
84/ 83											.1	.8	.6			.7	.2					.2										25	25		
82/ 81								.2			.6	.6	.3			.3	.2				.2											26	26		
80/ 79						.1		.2	1.0		.7	.6				.4	.1	.1	.2													37	37		
78/ 77						.1	.1	1.2	.8		.9					.2	.2	.2														48	48		
76/ 75		.1		.1	1.0	1.1	.6	1.1	.6		.6	.6	.2		.2	.5	.2	.2	.2													56	56		
74/ 73		.2	.3	1.1	.5	.3	.4	.7	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2												47	47	17	
72/ 71	.1	.2	2.3	1.8	1.1	.9	.2	.3	.3	.3	.6					.6	.2															93	93	47	
70/ 69	.1	1.1	2.7	1.0	.5	.8	.3	.7	.6	.6	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2											90	90	80		
68/ 67		2.6	3.6	.9	.9	.7	.9	1.1	.6	.6	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2												117	117	52	
66/ 65	.3	3.5	2.5	.9	1.1	.9	.9	1.1	.6	.6	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2												127	127	115	
64/ 63	.2	3.4	1.5	1.9	.5	.4	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2												102	102	121	
62/ 61	.1	1.5	2.5	1.4	.7	.2	.2	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1												88	88	109	
60/ 59		1.2	2.0	1.0	1.1	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2												75	75	102	
58/ 57	.1	1.2	2.3	.5	.8	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2												67	67	99	
56/ 55		.9	.9	1.0	.5	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2												45	45	88	
54/ 53		.6	.6	.9	.6	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2												38	38	75	
52/ 51		.5	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2												20	20	45	
50/ 49		.3	.8	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2												25	25	56	
48/ 47		.7	.4	.6	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2												29	29	27	
46/ 45		.3	.1	.1	.2	.1	.2	.1	.2	.1	.2	.1	.2	.1	.2	.1	.2	.1	.2	.1												10	10	38	
44/ 43		.4	.1	.2	.2	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2												11	11	26	
42/ 41		.1	.2	.4	.2	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2												11	11	17	
40/ 39	.1	.3	.1					.1	.1																								7	7	12
38/ 37			.2	.1				.1	.1																								4	4	13
36/ 35			.2																														4	4	8
34/ 33	.1	.1	.1																														2	2	8
32/ 31																																			
30/ 29																																			
28/ 27																																			
26/ 25																																			
Element (X)	Σ X																Σ X		Mean No. of Hours with Temperature														Total		
Rel. Hum.																			≥ 0 F														≥ 80 F		
Dry Bulb																			≥ 32 F														≥ 73 F		
Wet Bulb																			≥ 67 F														≥ 93 F		
Dew Point																																			

NAWWEASERYCOM

MAR
MONTH

PAGE 2
HOURS (L.S.T.)

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

93837 JACKSONVILLE, FLORIDA STATION NAME

73-77

YEARS

APR MONTH

PAGE 1 HOURS (L.S.T.)

05

PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	
92/ 91							.1		.2	.1								1	1		
90/ 89							.2	.3	.6	.1	.1							5	6		
88/ 87							.2	.4	.6	.2	.2			.1				17	17		
86/ 85								.4	.6	.2	.2	.3	.1					24	24		
84/ 83							.1	.3	.4	.3	.2	.1	.1	.1				21	21		
82/ 81							.2	.5	.6	.3	.2	.2						31	31		
80/ 79				.1	.2	.9	1.0	.7	.8	.2	.2	.1						52	52		
78/ 77				.5	1.2	1.2	1.2	.8	.7	.7	.1	.1						77	77	2	
76/ 75			.2	.5	.7	1.1	1.2	1.3	.2	.3	.2							69	69	6	
74/ 73		.1	.5	1.5	.7	1.3	.6	.6	.1	.6	.3	.1						77	77	16	
72/ 71		.2	1.2	1.4	1.4	1.4	.7	.6	.2	.5	.1							93	93	38	
70/ 69		.9	2.8	1.2	2.1	.7	.7	.3	.1	.2	.1							111	111	62	
68/ 67	.1	1.3	2.7	1.4	.8	.7	.8	.5	.4	.2								108	108	118	
66/ 65	.1	1.8	2.9	1.2	1.4	.7	.3	.6	.2	.2								112	112	129	
64/ 63		2.4	1.9	1.9	.9	.3	.4	.2	.2									100	100	156	
62/ 61		2.2	1.2	.8	.7	.6	.2	.1										71	71	137	
60/ 59		1.0	1.3	1.0	.9	.2	.4	.4	.1									65	65	117	
58/ 57		1.3	.4	.8	.4	.3	.1	.1										42	42	97	
56/ 55		.7	.2	.7	.6	.1	.1											28	28	78	
54/ 53		.8	.3	.5	.5	.2	.2											30	30	62	
52/ 51		.2	1.0	.2	.2	.2	.4											24	24	47	
50/ 49		.2	.2	.2	.2	.1												12	12	31	
48/ 47		.1	.2	.2	.2	.3												10	10	38	
46/ 45		.2	.2	.1	.2													8	8	25	
44/ 43		.3	.3		.1													9	9	13	
42/ 41		.1		.1														2	2	18	
40/ 39																				5	
38/ 37																				4	
36/ 35																				1	
34/ 33																					
32/ 31																					
30/ 29																					
28/ 27																					
26/ 25																					
Element (X)	ΣX ²	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	σ _x	No. Obs.	Mean No. of Hours with Temperature								TOTAL			
Rel. Hum.										≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

93837 JACKSONVILLE, FLORIDA STATION NAME

73-77 YEARS

MAY MONTH

PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		Dew Point		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.		Dry Bulb	Wet Bulb
96/ 95											.1	.1						3	3		
94/ 93										.2	.2	.1						6	6		
92/ 91								.1	.2	.2	.1	.1						11	11		
90/ 89								.1	.5	.2	.2	.2						23	23		
88/ 87				.2	.1	.6	.9	.6	.7	.2	.4	.5						44	44		
86/ 85				.1	.6	.7	1.1	1.5	.7	.5	.1							67	67		
84/ 83			.3	.2	.4	1.3	.7	1.1	.6	.4	.1	.1						65	65	2	
82/ 81			.2	.2	1.2	1.4	2.2	.7	.3	.2	.2	.1						82	82	1	2
80/ 79		.1	.5	.6	1.7	1.5	1.5	.5	.2	.1	.1	.1						84	84	6	2
78/ 77	.1	.4	.5	1.2	2.3	1.0	.6	.6	.4	.2	.1							90	90	25	7
76/ 75	.2	1.3	2.3	1.9	1.0	.9	.4	.4	.5	.2								111	111	58	16
74/ 73	.5	2.8	3.5	1.5	.9	1.1	.3	.5	.1	.1								142	142	127	36
72/ 71	.2	4.4	3.5	1.5	1.5	.5	.2	.1										147	147	198	94
70/ 69	.4	2.4	3.1	2.1	1.2	.1	.2	.2										121	121	208	171
68/ 67	.4	3.1	1.4	1.7	.8	.3	.2	.1										99	99	178	176
66/ 65	.6	2.3	1.2	.8	.6	.3												72	72	136	152
64/ 63	.4	1.1	.1	.3	.2	.1	.2											30	30	121	144
62/ 61	.1	.6	.2	.2	.2	.2	.1											18	18	70	118
60/ 59	.1	.2	.3	.3	.1													13	13	41	90
58/ 57		.1	.1		.1													3	3	26	71
56/ 55		.2		.1														4	4	23	37
54/ 53		.1	.2	.2														5	5	7	33
52/ 51																				7	27
50/ 49																				4	21
48/ 47																				2	16
46/ 45																					7
44/ 43																					9
42/ 41																					4
40/ 39																					4
38/ 37																					3
TOTAL	2.9	19.3	17.3	13.1	12.9	9.4	8.5	7.0	4.1	2.7	1.5	1.0	.1	.1				1240	1240	1240	1240

Element (X)	ΣX ²	ΣX	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6705723	88371	71.3	18.141	1240	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		Total	
Dry Bulb	7018886	92836	74.9	7.433	1240	657.0	436.8	206.4	5.4		744.0	
Wet Bulb	5744647	84145	67.9	5.289	1240	481.8	131.4	4.2			744.0	
Dew Point	5112215	79167	63.8	6.833	1240	302.4	59.4	2.4			744.0	

NAVWEASERVCOM

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

Σx

Σx^2

Element (X)

≥ 67 F

≥ 73 F

≥ 80 F

≥ 93 F

Total

657.0

436.8

206.4

5.4

744.0

481.8

131.4

4.2

744.0

302.4

59.4

2.4

744.0

PSYCHROMETRIC SUMMARY

93837

JACKSONVILLE, FLORIDA

73-77

YEARS

JUN

MONTH

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99													.1					1	1		
98/ 97												.1	.1					2	2		
96/ 95												.4	.1					12	12		
94/ 93											.5	.5	.1					20	20		
92/ 91											.2	1.0	.2					31	31		
90/ 89											.2	1.0	.8	.2				58	58		
88/ 87											.3	1.2	.4	.1				80	80		
86/ 85											1.2	2.7	.7	.2				76	76		
84/ 83											2.5	1.7	.2	.1				82	82		
82/ 81											3.0	1.1	.2					81	81		
80/ 79											3.1	.5	.1					90	90		
78/ 77											3.2	.1	.1					145	145		
76/ 75											2.2	1.0	.1					191	191		
74/ 73											5.3	1.7	.2					147	147		
72/ 71											3.9	1.0	.2					112	112		
70/ 69											2.1	.1	.1					51	51		
68/ 67											.5	.7	.1					18	18		
66/ 65											.1	.1						2	2		
64/ 63																		10	10		
62/ 61																		1	1		
60/ 59																		2	2		
58/ 57																					
56/ 55																					
54/ 53																					
TOTAL	1.7	16.7	26.5	13.8	13.2	7.7	8.0	5.7	3.2	1.9	1.0	.2	.2					1200	1200	1200	1200

Element (X)	ΣX ²	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6961259	89623	74.7	14.941	1200	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	7559138	94916	79.1	6.560	1200							720.0
Wet Bulb	6348248	87190	72.7	3.313	1200							720.0
Dew Point	5835045	83569	69.6	3.564	1200							720.0

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PSYCHROMETRIC SUMMARY

93837

JACKSONVILLE, FLORIDA

73-77

JUL

YEARS

STATION NAME

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97										.1	.2		.1					4	4		
96/ 95									.2	.3	.2	.1						10	10		
94/ 93						.1		.5	1.4	.8	.3							38	38		
92/ 91						.2	.9	1.9	1.2	.1								52	52		
90/ 89					.1	.6	2.2	1.2	1.0	.1								63	63		
88/ 87					1.0	2.8	3.0	.9	.3									95	95		
86/ 85		.1	.4	.2	2.2	2.8	1.1	.6	.2	.1								92	92		
84/ 83		.2	1.2	3.2	2.0	.5	.4											95	95	1	
82/ 81		.1	1.5	3.0	1.0	.8	.5											86	86	7	2
80/ 79	.1	.3	4.1	3.6	1.9	.7	.3											137	137	70	6
78/ 77	.2	2.8	6.5	2.2	.8	.8	.1											167	167	217	24
76/ 75	.4	5.2	5.5	1.7	1.3	.3												178	178	288	145
74/ 73	.7	6.4	2.4	1.2	.7	.2												145	145	307	280
72/ 71	.3	2.3	.4	1.9	.2													64	64	174	350
70/ 69		.2	.3	.2														9	9	83	206
68/ 67	.1	.1	.2	.1														5	5	59	68
66/ 65																				29	70
64/ 63																				4	52
62/ 61																				1	26
60/ 59																					10
58/ 57																					1
TOTAL	1.9	17.5	21.3	15.5	12.3	11.4	8.5	5.1	4.3	1.5	.6	.1	.1					1240	1240	1240	1240

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	7151769	92407	74.5	14.636	1240	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 93 F	Total	
Dry Bulb	8101442	99926	80.6	6.279	1240				744.0	697.2	363.0	744.0
Wet Bulb	6801969	91747	74.0	3.319	1240				723.6	534.0	16.8	744.0
Dew Point	6278487	88110	71.1	3.640	1240				648.6	390.6	44.8	744.0

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

$\sum x$

$\sum x^2$

Element (X)

≥ 93 F

≥ 80 F

≥ 73 F

≥ 67 F

≥ 32 F

≤ 0 F

1240

1240

14.636

74.5

92407

7151769

744.0

31.2

744.0

744.0

744.0

744.0

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PSYCHROMETRIC SUMMARY

93837 JACKSONVILLE, FLORIDA 73-77 AUG MONTH
STATION NAME YEARS

PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Wet Bulb	Dew Point
96/ 95									.1									1	1			
94/ 93									.3									7	7			
92/ 91								.1	1.0	.2	.1							46	46			
90/ 89								1.0	2.7									84	84			
88/ 87					.8	3.4	1.9	.2										78	78			
86/ 85			.1	.2	3.2	4.3	.4	.1										102	102			
84/ 83			.2	1.9	3.3	1.4	.4											89	89			
82/ 81		.2	1.3	2.7	2.8	1.5	.2	.1										108	108	5	1	
80/ 79		1.2	5.2	2.5	1.5	.5												136	136	76	4	
78/ 77		4.4	7.4	3.1	2.2	.3												217	217	236	30	
76/ 75	.2	6.7	3.5	2.8	.9													174	174	311	200	
74/ 73	.1	4.4	1.8	3.4														120	120	274	331	
72/ 71	.2	3.5	.8	.6														63	63	161	272	
70/ 69	.5	.4	.2															13	13	114	162	
68/ 67	.2																	2	2	54	126	
66/ 65																				8	81	
64/ 63																				1	23	
62/ 61																					5	
TOTAL	.421	.020	.617	.414	.812	.4	6.5	4.4	2.1	.2	.1							1240	1240	1240	1240	

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PSYCHROMETRIC SUMMARY

93837

JACKSONVILLE, FLORIDA

73-77

SEP

YEARS

MONTH

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93								.1	.2									3	3		
92/ 91								.2	.3		.1							13	13		
90/ 89								.3	.5	.2								55	55		
88/ 87								.2	.3	.1								68	68		
86/ 85								.7	.1									92	92		
84/ 83								.2	.1									85	85	1	
82/ 81								.3										92	92	10	1
80/ 79								.4										134	134	50	12
78/ 77								.3										171	171	172	31
76/ 75								.1										171	171	254	128
74/ 73								.1										157	157	305	282
72/ 71								.4										76	76	167	315
70/ 69								.1										45	45	110	169
68/ 67								.1										19	19	57	93
66/ 65								.2										9	9	39	62
64/ 63								.1										7	7	22	37
62/ 61								.2										2	2	5	43
60/ 59								.1										1	1	4	15
58/ 57																				4	6
56/ 55																					3
54/ 53																					2
52/ 51																					1
TOTAL	2.724	2.22	2.91	17.8	12.8	8.7	6.4	2.5	1.5	.2	.1							1200	1200	1200	1200

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Element (X) $\sum X^2$ $\sum X$ \bar{X} σ_x No. Obs. Mean No. of Hours with Temperature

Rel. Hum.	Dry Bulb	Wet Bulb	Dew Point	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
7632542	7441430	6459982	6046151	94420	78.5	5.919	1.8	720.0
87924	85033	70.9	4.149	1200	618.6	383.4	7.8	720.0

PSYCHROMETRIC SUMMARY

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93837 JACKSONVILLE, FLORIDA
STATION NAME

73-77

OCT
MONTH

PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL															
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Wet Bulb	Dew Point
92/ 91																		.2															2	2	
90/ 89													.2	.1				.1														4	4		
88/ 87											.2	.4	.2																			10	10		
86/ 85											.3	.6	.6	.4			.3														27	27			
84/ 83							.3	.9	.4	.8	.3						.3	.1	.2	.1												40	40		
82/ 81			.1				.6	.3	.6	1.0	.3						.3	.3	.2	.1												43	43	1	
80/ 79			.2		.2	.8	.8	.8	1.0	1.0	.6						.6	.6	.1	.1												66	66	2	
78/ 77			.2	.2	.9	1.2	1.0	1.3	.6	.6	.2						.2	.2														75	75	24	
76/ 75			.6	2.3	1.8	.8	.7	1.0	.4	.3							.3		.1													101	101	29	
74/ 73	.3	2.8	2.0	2.3	1.1	.8	.4	.2											.2													127	127	86	
72/ 71	.1	3.0	1.0	2.2	1.0	.5	.1		1.0	.5	.1						.1	.1	.2													114	114	131	
70/ 69		2.1	2.2	1.3	2.3	1.0	.3		1.0	.3							.1	.1	.1													117	117	116	
68/ 67		2.3	1.1	1.5	1.6	.6	.2	.3											.1													96	96	109	
66/ 65	.1	1.8	1.5	2.0	.9	.2	.2	.3									.3															88	88	120	
64/ 63		1.6	1.0	1.4	1.0	.4	.2	.1																								71	71	109	
62/ 61	.2	1.3	.7	1.0	1.5	.2	.2		1.5	.2	.2																					62	62	107	
60/ 59		1.3	.5	1.0	.3			.3					.1																			40	40	93	
58/ 57		1.1	.6	.8	.3	.1	.1		.3	.1	.1																					38	38	63	
56/ 55		.9	.4	.7	.4	.2		.4	.2																							32	32	58	
54/ 53		1.0	.1	.6	.3	.1		.3	.1																							26	26	63	
52/ 51		.4	.2	.3	.1			.1																								12	12	35	
50/ 49		.7	.4	.2	.2			.2																								18	18	23	
48/ 47		.8	.1	.4																												16	16	24	
46/ 45		.1	.3	.1																												6	6	23	
44/ 43		.2																														3	3	10	
42/ 41		.2				.2																										5	5	9	
40/ 39		.1																														1	1	3	
38/ 37																																	3	3	22
36/ 35																																	1	1	16
34/ 33																																	1	1	7
32/ 31																																		5	5
30/ 29																																		2	2
TOTAL	.622	.915	.620	.615	.3	9.5	7.8	4.0	2.3	1.0	.3																					1240	1240	1240	

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature							Total
Rel. Hum.	6819479	89761	72.4	16.117	1240	≥ 73 F	≥ 67 F	≤ 32 F	≤ 0 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	6084093	86111	69.4	9.169	1240	493.2	297.0	96.6				744.0	
Wet Bulb	5062369	78591	63.4	8.099	1240	298.8	85.2	.6				744.0	
Dew Point	4482691	73627	59.4	9.463	1240	4.2	198.6	46.2				744.0	

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PSYCHROMETRIC SUMMARY

93837 JACKSONVILLE, FLORIDA 73-77 NOV 1965 PSYCHROMETRIC SUMMARY JAN 68

PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
																		D.B./W.B.		Dry Bulb	Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
86 / 85								.1	.1									3	3			
84 / 83								.2	.1	.2								7	7			
82 / 81								.7	.3	.2								18	18			
80 / 79								1.0	.5	.6								35	35			
78 / 77			.1	.7	.6	.4	1.1	.7	.1									45	45			
76 / 75		.1	.3	.6	.9	.7	.2	.2		.1								38	38	1		
74 / 73		.8	.5	1.5	.9	.5	.4	.2	.1	.3								60	60	21		
72 / 71		1.2	1.0	1.5	.8	.2	.1	.1	.1									64	64	48		
70 / 69	.1	3.9	3.7	.8	.9	.3	.2	.4		.1	.1							126	126	61		
68 / 67		1.8	2.1	.9	1.3	.6	.3	.2	.2	.2	.1							93	93	119		
66 / 65		1.8	1.5	.8	.8	.5	.3	.2	.3									76	76	108		
64 / 63		2.7	1.0	1.2	.6	.7	.3	.1	.1	.2								82	82	90		
62 / 61		2.4	1.1	.8	1.0	.2	.2	.2	.1	.2								72	72	81		
60 / 59	.1	1.5	1.2	.9	.6	.4	.3	.3	.1	.1								67	67	65		
58 / 57		2.4	.7	.9	.4	.3	.5	.1	.2									66	66	74		
56 / 55		1.4	.7	1.5	.7	.8	.2	.5										69	69	71		
54 / 53		1.1	.7	1.1	.4	.5	.2											49	49	63		
52 / 51		1.3	1.1	.5	.6	.2	.2											48	48	51		
50 / 49		.7	.5	.6	.7	.2	.2											36	36	60		
48 / 47		.5	.2	.6	.5	.2												23	23	52		
46 / 45		.6	.4	.5	.2	.3												24	24	51		
44 / 43		.7	.7	.5	.5	.1												29	29	30		
42 / 41		.7	.3	.3	.3													20	20	42		
40 / 39		.4	.5	.7														19	19	37		
38 / 37		.4	.7	.4														18	18	16		
36 / 35		.3	.2															6	6	31		
34 / 33	.1	.2																4	4	20		
32 / 31		.1																1	1	6		
30 / 29		.1																1	1	19		
28 / 27	.1																	1	1	2		
26 / 25																				15		
24 / 23																				26		
22 / 21																				17		
20 / 19																				12		
																				3		
Element (X)	ΣX ²	ΣX	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature												≥ 80 F	≥ 93 F	Total		
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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PSYCHROMETRIC SUMMARY

93837

JACKSONVILLE, FLORIDA

73-77

DEC

YEARS

STATION NAME

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL													
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
80/ 79																		6	6																	
78/ 77								.1	.2	.1	.1	.4						16	16																	
76/ 75								.4	.6	.2	.1	.2						16	16																	
74/ 73								.5	.7	.3	.2	.2						23	23																	
72/ 71								.2	.2	.1	.3	.2	.2	.2	.1	.1		26	26	7	1															
70/ 69								.3	.3	.2	.3	.2	.2	.2	.2	.1		47	47	14	6															
68/ 67								.4	.5	.3	.2	.2	.2	.2	.2			31	31	30	9															
66/ 65								.6	.7	.5	.2	.2	.2	.2	.1			74	74	47	18															
64/ 63								.7	.7	.5	.2	.1	.2	.4				97	97	80	48															
62/ 61								.6	.7	.6	.2	.2	.2	.1				107	107	87	101															
60/ 59								.4	.6	.6	.5	.1	.2	.1				87	87	101	89															
58/ 57								.2	.3	.7	.4	.5	.2					68	68	71	79															
56/ 55								.1	.4	.4	.7	.3	.2	.1				69	69	70	55															
54/ 53								.2	.6	.6	.4	.8	.3	.1				75	75	68	67															
52/ 51								.6	.6	.4	.5	.5	.2					69	69	73	53															
50/ 49								.1	.8	.1	.0	.3	.2					61	61	66	63															
48/ 47								.1	.8	.1	.0	.5	.6					51	51	65	64															
46/ 45								.4	.9	.1	.0	.8	.3	.1				55	55	56	51															
44/ 43								.1	.4	.2	.9	.8	.2					55	55	61	30															
42/ 41								.1	.1	.0	.6	.2						37	37	58	41															
40/ 39								.9	.1	.0	.5	.6	.1					52	52	61	57															
38/ 37								.6	.1	.0	.8	.2						34	34	51	39															
36/ 35								.7	.6	.6	.6	.2						27	27	44	55															
34/ 33								.4	.7	.3								20	20	45	55															
32/ 31								.4	.7	.2								16	16	28	40															
30/ 29								.6	.3									13	13	26	26															
28/ 27								.1	.1									6	6	21	39															
26/ 25								.1	.1									2	2	7	42															
24/ 23																				2	38															
22/ 21																				1	29															
20/ 19																					16															
18/ 17																					18															
16/ 15																					5															
12/ 11																					4															
Element (X)	Σ X ²											Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Rel. Hum.																																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

NAVWEASERVCOM

14278 2097-54321

PSYCHROMETRIC SUMMARY

05 PSYCHROMETRIC SUMMARY JAN 68

93837 JACKSONVILLE, FLORIDA STATION NAME

73-77

YEARS

ALL MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99																		1	1		
98/ 97																		6	6		
96/ 95																		26	26		
94/ 93																		74	74		
92/ 91																		157	157		
90/ 89																		298	298		
88/ 87																		394	394		
86/ 85																		515	515		
84/ 83																		523	523	4	
82/ 81																		596	596	27	6
80/ 79																		808	808	232	26
78/ 77																		1088	1088	779	99
76/ 75																		1138	1138	1170	554
74/ 73																		1109	1109	1472	1154
72/ 71																		940	940	1230	1445
70/ 69																		843	843	1043	1145
68/ 67																		709	709	1027	943
66/ 65																		699	699	910	963
64/ 63																		610	610	859	897
62/ 61																		580	580	731	867
60/ 59																		490	490	684	714
58/ 57																		413	413	582	675
56/ 55																		396	396	520	555
54/ 53																		342	342	497	543
52/ 51																		276	276	369	465
50/ 49																		260	260	349	397
48/ 47																		238	238	321	367
46/ 45																		208	208	309	325
44/ 43																		188	188	259	272
42/ 41																		152	152	247	257
40/ 39																		164	164	227	250
38/ 37																		110	110	196	227
36/ 35																		83	83	165	211
34/ 33																		70	70	137	225
Element (X)																					
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93837 JACKSONVILLE, FLORIDA

73-77

STATION NAME YEARS

HRS.(LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN 52.0 S. D. 11.913 TOTAL OBS 155	MEAN 52.5 S. D. 9.938 TOTAL OBS 141	MEAN 60.8 S. D. 7.780 TOTAL OBS 155	MEAN 62.7 S. D. 6.591 TOTAL OBS 150	MEAN 69.7 S. D. 4.001 TOTAL OBS 155	MEAN 74.3 S. D. 2.815 TOTAL OBS 150	MEAN 76.0 S. D. 2.474 TOTAL OBS 155	MEAN 76.3 S. D. 2.677 TOTAL OBS 155	MEAN 75.2 S. D. 3.162 TOTAL OBS 150	MEAN 65.2 S. D. 7.988 TOTAL OBS 155	MEAN 57.9 S. D. 9.988 TOTAL OBS 150	MEAN 50.9 S. D. 10.716 TOTAL OBS 155	MEAN 64.5 S. D. 11.969 TOTAL OBS 1826
04	MEAN 50.5 S. D. 12.381 TOTAL OBS 155	MEAN 50.5 S. D. 10.312 TOTAL OBS 141	MEAN 59.1 S. D. 8.408 TOTAL OBS 155	MEAN 60.4 S. D. 7.230 TOTAL OBS 150	MEAN 67.6 S. D. 4.996 TOTAL OBS 155	MEAN 72.7 S. D. 2.694 TOTAL OBS 150	MEAN 74.4 S. D. 2.411 TOTAL OBS 155	MEAN 75.0 S. D. 2.664 TOTAL OBS 155	MEAN 73.7 S. D. 3.368 TOTAL OBS 150	MEAN 63.2 S. D. 8.500 TOTAL OBS 155	MEAN 56.1 S. D. 10.442 TOTAL OBS 150	MEAN 49.1 S. D. 11.305 TOTAL OBS 155	MEAN 62.8 S. D. 12.303 TOTAL OBS 1826
07	MEAN 49.6 S. D. 12.731 TOTAL OBS 155	MEAN 49.1 S. D. 10.759 TOTAL OBS 141	MEAN 58.5 S. D. 8.830 TOTAL OBS 155	MEAN 60.7 S. D. 7.395 TOTAL OBS 150	MEAN 69.1 S. D. 4.351 TOTAL OBS 155	MEAN 74.4 S. D. 2.645 TOTAL OBS 150	MEAN 75.9 S. D. 2.618 TOTAL OBS 155	MEAN 75.7 S. D. 2.522 TOTAL OBS 155	MEAN 73.5 S. D. 3.727 TOTAL OBS 150	MEAN 62.5 S. D. 8.566 TOTAL OBS 155	MEAN 55.3 S. D. 10.424 TOTAL OBS 150	MEAN 48.5 S. D. 11.194 TOTAL OBS 155	MEAN 62.8 S. D. 13.018 TOTAL OBS 1826
10	MEAN 55.4 S. D. 11.585 TOTAL OBS 155	MEAN 57.4 S. D. 9.723 TOTAL OBS 141	MEAN 67.0 S. D. 7.958 TOTAL OBS 155	MEAN 71.3 S. D. 6.083 TOTAL OBS 150	MEAN 78.3 S. D. 4.246 TOTAL OBS 155	MEAN 83.2 S. D. 3.951 TOTAL OBS 150	MEAN 84.7 S. D. 3.251 TOTAL OBS 155	MEAN 84.2 S. D. 2.895 TOTAL OBS 155	MEAN 82.3 S. D. 4.364 TOTAL OBS 150	MEAN 73.3 S. D. 6.946 TOTAL OBS 155	MEAN 64.7 S. D. 9.071 TOTAL OBS 150	MEAN 55.3 S. D. 9.724 TOTAL OBS 155	MEAN 71.5 S. D. 13.055 TOTAL OBS 1826
13	MEAN 63.5 S. D. 12.901 TOTAL OBS 155	MEAN 65.3 S. D. 10.459 TOTAL OBS 141	MEAN 73.6 S. D. 8.970 TOTAL OBS 155	MEAN 76.5 S. D. 6.668 TOTAL OBS 150	MEAN 83.2 S. D. 4.913 TOTAL OBS 155	MEAN 86.8 S. D. 5.317 TOTAL OBS 150	MEAN 88.2 S. D. 4.842 TOTAL OBS 155	MEAN 87.1 S. D. 4.727 TOTAL OBS 155	MEAN 85.2 S. D. 4.939 TOTAL OBS 150	MEAN 77.8 S. D. 6.422 TOTAL OBS 155	MEAN 71.2 S. D. 9.063 TOTAL OBS 150	MEAN 62.5 S. D. 9.689 TOTAL OBS 155	MEAN 76.8 S. D. 12.043 TOTAL OBS 1826
16	MEAN 64.8 S. D. 12.842 TOTAL OBS 155	MEAN 66.5 S. D. 9.910 TOTAL OBS 141	MEAN 74.1 S. D. 9.076 TOTAL OBS 155	MEAN 76.9 S. D. 6.913 TOTAL OBS 150	MEAN 82.3 S. D. 6.167 TOTAL OBS 155	MEAN 85.5 S. D. 6.215 TOTAL OBS 150	MEAN 86.2 S. D. 6.018 TOTAL OBS 155	MEAN 85.5 S. D. 5.124 TOTAL OBS 155	MEAN 83.7 S. D. 5.183 TOTAL OBS 150	MEAN 76.3 S. D. 6.502 TOTAL OBS 155	MEAN 70.3 S. D. 8.253 TOTAL OBS 150	MEAN 62.9 S. D. 9.072 TOTAL OBS 155	MEAN 76.3 S. D. 11.386 TOTAL OBS 1826
19	MEAN 57.2 S. D. 11.320 TOTAL OBS 155	MEAN 59.1 S. D. 9.113 TOTAL OBS 141	MEAN 67.4 S. D. 8.018 TOTAL OBS 155	MEAN 70.7 S. D. 6.092 TOTAL OBS 150	MEAN 76.6 S. D. 5.287 TOTAL OBS 155	MEAN 79.6 S. D. 4.493 TOTAL OBS 150	MEAN 81.3 S. D. 4.552 TOTAL OBS 155	MEAN 80.1 S. D. 3.578 TOTAL OBS 155	MEAN 78.4 S. D. 3.662 TOTAL OBS 150	MEAN 69.9 S. D. 6.157 TOTAL OBS 155	MEAN 62.7 S. D. 8.435 TOTAL OBS 150	MEAN 55.8 S. D. 9.145 TOTAL OBS 155	MEAN 69.9 S. D. 11.462 TOTAL OBS 1826
22	MEAN 53.9 S. D. 11.312 TOTAL OBS 155	MEAN 55.1 S. D. 8.981 TOTAL OBS 141	MEAN 63.3 S. D. 7.208 TOTAL OBS 155	MEAN 65.8 S. D. 5.860 TOTAL OBS 150	MEAN 72.3 S. D. 3.979 TOTAL OBS 155	MEAN 76.2 S. D. 2.845 TOTAL OBS 150	MEAN 77.9 S. D. 3.102 TOTAL OBS 155	MEAN 77.5 S. D. 2.604 TOTAL OBS 155	MEAN 76.3 S. D. 3.284 TOTAL OBS 150	MEAN 67.3 S. D. 7.338 TOTAL OBS 155	MEAN 60.1 S. D. 9.459 TOTAL OBS 150	MEAN 52.7 S. D. 9.857 TOTAL OBS 155	MEAN 66.6 S. D. 11.499 TOTAL OBS 1826
ALL HOURS	MEAN 55.9 S. D. 13.219 TOTAL OBS 1240	MEAN 56.9 S. D. 11.585 TOTAL OBS 1120	MEAN 65.5 S. D. 10.071 TOTAL OBS 1240	MEAN 68.1 S. D. 9.107 TOTAL OBS 1200	MEAN 74.9 S. D. 7.434 TOTAL OBS 1240	MEAN 79.1 S. D. 6.560 TOTAL OBS 1200	MEAN 80.6 S. D. 6.280 TOTAL OBS 1240	MEAN 80.2 S. D. 5.682 TOTAL OBS 1240	MEAN 78.5 S. D. 5.920 TOTAL OBS 1200	MEAN 69.4 S. D. 9.169 TOTAL OBS 1240	MEAN 62.3 S. D. 11.003 TOTAL OBS 1200	MEAN 54.7 S. D. 11.369 TOTAL OBS 1240	MEAN 68.9 S. D. 13.214 TOTAL OBS 14608

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93837 JACKSONVILLE, FLORIDA

73-77

STATION

STATION NAME

YEARS

HRS.(LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	48.6 12.075 155	49.0 10.448 155	57.0 8.306 155	58.3 7.211 150	65.8 4.742 155	70.8 2.852 150	72.1 2.762 155	72.6 2.761 155	72.1 3.389 150	61.6 8.309 155	54.4 10.562 150	48.1 11.321 155	60.9 12.124 1826
04	47.6 12.535 155	47.4 10.824 155	56.0 8.943 155	56.7 7.814 150	64.6 5.455 155	70.0 2.820 150	71.4 2.821 155	71.9 2.892 155	71.2 3.540 150	60.1 8.695 155	53.0 10.958 150	46.8 11.733 155	59.8 12.550 1826
07	46.9 12.893 155	46.3 11.249 155	55.4 9.431 155	57.2 7.954 150	66.2 5.248 155	71.8 2.901 150	72.8 3.002 155	72.8 2.798 155	71.2 3.915 150	59.7 8.811 155	52.5 10.956 150	46.2 11.647 155	60.0 13.225 1826
10	51.1 12.274 155	51.9 10.664 155	60.5 8.542 155	62.2 6.796 150	70.0 4.872 155	74.7 2.867 150	76.4 2.332 155	76.5 2.004 155	75.4 3.661 150	65.8 7.341 155	58.5 10.117 150	50.8 11.0820 155	64.5 12.332 1826
13	55.0 12.141 155	54.9 10.067 155	62.5 8.399 155	63.4 6.485 150	70.9 4.711 155	75.1 2.949 150	76.7 2.452 155	76.7 2.202 155	75.6 3.175 150	66.8 6.611 155	61.1 9.427 150	54.4 10.076 155	66.2 11.150 1826
16	55.2 11.732 155	55.1 9.414 155	62.6 7.917 155	63.6 5.968 150	70.2 4.342 155	74.5 2.870 150	75.8 2.871 155	76.2 2.552 155	75.2 3.413 150	66.1 6.575 155	60.7 9.017 150	54.4 9.533 155	65.9 10.709 1826
19	51.6 11.154 155	51.8 9.694 155	59.4 7.723 155	60.8 6.187 150	68.2 4.507 155	72.6 2.592 150	73.8 2.612 155	73.8 2.490 155	73.0 3.014 150	64.0 7.060 155	57.5 9.462 150	51.1 9.959 155	63.2 11.165 1826
22	49.9 11.400 155	50.3 9.717 155	58.4 7.413 155	59.7 6.685 150	67.1 4.556 155	71.8 2.559 150	72.8 2.807 155	73.1 2.732 155	72.4 3.350 150	62.9 7.798 155	56.1 10.181 150	49.3 11.0620 155	62.0 11.604 1826
ALL HOURS	50.7 12.354 1240	50.8 10.682 1128	59.0 8.724 1240	60.2 7.355 1200	67.9 5.289 1240	72.7 3.914 1200	74.0 3.320 1240	74.2 3.141 1240	73.3 3.852 1200	63.4 8.100 1240	56.7 10.539 1200	50.2 11.110 1240	62.8 12.114 14608

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93837 JACKSONVILLE, FLORIDA

73-77

STATION

STATION NAME

YEARS

HRS.(LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN 44.8 S. D. 14.573 TOTAL OBS 155	45.1 12.912 141	53.9 10.111 155	54.7 9.239 150	63.4 6.255 155	69.1 3.394 150	70.3 3.697 155	70.9 3.378 155	70.5 4.026 150	59.2 9.521 155	51.2 12.761 150	44.8 13.660 155	58.2 13.837 1826
04	MEAN 44.2 S. D. 14.796 TOTAL OBS 155	43.7 13.193 141	53.3 10.728 155	53.5 9.580 150	62.8 6.587 155	68.6 3.405 150	69.9 3.687 155	70.5 3.604 155	69.9 4.113 150	57.7 9.800 155	50.0 12.873 150	43.9 13.802 155	57.4 14.161 1826
07	MEAN 43.6 S. D. 15.148 TOTAL OBS 155	42.8 13.634 141	52.8 11.277 155	54.4 9.695 150	64.4 6.784 155	70.4 3.423 150	71.3 3.844 155	71.5 3.421 155	70.0 4.391 150	57.6 9.892 155	49.7 12.808 150	43.5 13.554 155	57.7 14.791 1826
10	MEAN 46.4 S. D. 15.796 TOTAL OBS 155	46.0 14.325 141	55.3 11.664 155	55.6 9.881 150	65.3 7.084 155	70.9 3.484 150	72.8 3.071 155	73.3 2.371 155	72.5 4.074 150	61.0 9.294 155	53.1 13.528 150	45.9 14.174 155	59.9 14.584 1826
13	MEAN 46.8 S. D. 16.244 TOTAL OBS 155	45.0 14.429 141	54.3 11.976 155	54.1 10.288 150	64.3 7.212 155	69.8 3.795 150	71.9 3.208 155	72.4 2.622 155	71.4 4.072 150	60.0 9.292 155	53.0 13.623 150	46.6 14.294 155	59.2 14.444 1826
16	MEAN 46.2 S. D. 16.196 TOTAL OBS 155	44.4 14.156 141	54.2 11.730 155	54.2 9.829 150	63.4 7.363 155	69.4 3.759 150	71.3 3.695 155	72.2 3.150 155	71.4 4.172 150	59.6 9.350 155	52.9 13.495 150	46.1 14.294 155	58.9 14.431 1826
19	MEAN 45.8 S. D. 14.354 TOTAL OBS 155	44.1 13.710 141	53.1 10.880 155	53.3 9.759 150	63.2 6.899 155	69.3 3.394 150	70.5 3.286 155	71.0 3.092 155	70.6 3.735 150	60.0 9.043 155	52.9 12.394 150	46.3 13.038 155	58.4 13.786 1826
22	MEAN 45.5 S. D. 14.046 TOTAL OBS 155	45.2 12.780 141	54.5 9.353 155	54.9 9.081 150	64.0 6.221 155	69.5 3.371 150	70.4 3.702 155	71.2 3.518 155	70.5 4.038 150	59.9 9.189 155	52.5 12.489 150	45.6 13.118 155	58.7 13.529 1826
ALL HOURS	MEAN 45.4 S. D. 15.159 TOTAL OBS 1240	44.5 13.644 1128	53.9 10.993 1240	54.3 9.672 1200	63.8 6.833 1240	69.6 3.564 1200	71.1 3.641 1240	71.6 3.283 1240	70.9 4.149 1200	59.4 9.464 1240	51.9 13.036 1200	45.3 13.752 1240	58.6 14.218 14608

JAN

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
JAN	01	100.0	100.0	100.0	97.4	93.5	88.4	72.9	47.7	17.4	77.8	155
	04	100.0	100.0	100.0	99.4	96.1	89.7	74.2	54.8	25.2	79.6	155
	07	100.0	100.0	100.0	99.4	97.4	90.3	77.4	59.4	26.5	80.9	155
	10	100.0	100.0	100.0	97.4	87.7	76.8	58.7	40.0	13.5	73.3	155
	13	100.0	99.4	92.9	82.6	64.5	40.0	20.0	12.3	5.2	57.2	155
	16	100.0	98.1	85.8	76.8	58.7	34.2	21.3	11.0	3.9	54.3	155
	19	100.0	100.0	99.4	91.6	82.6	70.3	49.0	25.2	7.1	67.8	155
	22	100.0	100.0	100.0	97.4	90.3	84.5	62.6	42.6	11.0	74.5	155
TOTALS		100.0	99.7	97.3	92.8	83.9	71.8	54.5	36.6	13.7	70.7	1240

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
FEB	01	100.0	100.0	100.0	97.9	92.2	85.1	70.9	49.6	17.7	77.3	141
	04	100.0	100.0	100.0	99.3	94.3	84.4	73.8	52.5	22.7	78.8	141
	07	100.0	100.0	100.0	97.9	94.3	86.5	77.3	61.0	27.7	80.2	141
	10	100.0	100.0	100.0	91.5	81.6	65.2	47.5	24.8	7.8	67.5	141
	13	100.0	100.0	86.5	69.5	44.0	23.4	13.5	9.2	4.3	50.7	141
	16	100.0	97.9	80.1	59.6	36.9	25.5	16.3	7.1	3.5	48.1	141
	19	100.0	100.0	95.7	83.7	66.7	51.1	34.0	14.9	2.8	59.8	141
	22	100.0	100.0	100.0	95.7	86.5	76.6	58.9	32.6	7.8	71.2	141
TOTALS		100.0	99.7	95.3	86.9	74.6	62.2	49.0	31.5	11.8	66.7	1128

RELATIVE HUMIDITY

93837
STATION

JACKSONVILLE, FLORIDA STATION NAME |

73-77

MAR
MONTH

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	01	100.0	100.0	100.0	100.0	97.4	90.3	79.4	56.8	12.3	79.1	155
	04	100.0	100.0	100.0	100.0	96.8	92.9	84.5	69.0	16.1	81.7	155
	07	100.0	100.0	100.0	99.4	97.4	92.9	83.9	67.7	20.0	82.1	155
	10	100.0	100.0	100.0	94.2	85.2	67.7	46.5	21.9	5.2	67.7	155
	13	100.0	100.0	92.3	79.4	56.8	25.8	14.6	9.0	1.9	53.3	155
	16	100.0	98.7	88.4	75.5	51.6	27.1	17.4	12.3	4.5	52.8	155
	19	100.0	100.0	96.1	87.1	79.4	57.4	34.2	15.5	2.6	62.8	155
	22	100.0	100.0	100.0	99.4	93.5	83.9	69.0	39.4	4.5	74.3	155
TOTALS		100.0	99.8	97.1	91.9	82.3	67.3	53.7	36.5	8.4	69.2	1240

MAY

MONTH

100

NAVWEASERVCOM

MONTH
JUN

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
JUN	01	100.0	100.0	100.0	100.0	100.0	99.3	96.7	77.3	16.0	84.2	150
	04	100.0	100.0	100.0	100.0	100.0	100.0	98.0	87.3	25.3	87.2	150
	07	100.0	100.0	100.0	100.0	100.0	100.0	98.7	86.0	34.7	87.6	150
	10	100.0	100.0	100.0	100.0	96.0	84.0	35.3	4.7	.7	67.3	150
	13	100.0	100.0	100.0	96.0	75.3	34.7	16.0	6.0	1.3	58.2	150
	16	100.0	100.0	99.3	92.0	77.3	43.3	25.3	10.0	.7	60.4	150
	19	100.0	100.0	100.0	98.7	95.3	84.0	56.7	24.0	4.7	72.1	150
	22	100.0	100.0	100.0	100.0	99.3	98.7	86.7	56.0	12.7	80.5	150
TOTALS		100.0	100.0	99.9	98.3	92.9	80.5	64.2	43.9	12.0	74.7	1200

JUL

PERIOD

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
JUL	01	100.0	100.0	100.0	100.0	100.0	98.1	89.7	67.7	16.1	83.1	155
	04	100.0	100.0	100.0	100.0	100.0	99.4	92.9	78.1	27.7	86.4	155
	07	100.0	100.0	100.0	100.0	100.0	100.0	94.2	80.0	27.1	86.2	155
	10	100.0	100.0	100.0	100.0	98.1	81.3	34.2	9.7	2.6	68.2	155
	13	100.0	100.0	100.0	98.1	79.4	39.4	16.8	8.4	1.3	59.7	155
	16	100.0	100.0	100.0	97.4	75.5	52.3	30.3	13.5	3.9	63.0	155
	19	100.0	100.0	100.0	100.0	97.4	81.3	48.4	21.3	8.4	70.9	155
	22	100.0	100.0	100.0	100.0	100.0	93.5	83.2	44.5	13.5	78.7	155
TOTALS		100.0	100.0	100.0	99.4	93.8	80.7	61.2	40.4	12.6	74.5	1240

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

PERIOD

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	01	100.0	100.0	100.0	100.0	100.0	99.4	93.5	67.7	19.4	83.9	155
	04	100.0	100.0	100.0	100.0	100.0	98.7	96.1	73.5	33.5	86.3	155
	07	100.0	100.0	100.0	100.0	100.0	99.4	98.1	77.4	39.4	87.5	155
	10	100.0	100.0	100.0	100.0	100.0	96.8	40.6	7.1	1.9	70.3	155
	13	100.0	100.0	100.0	100.0	89.7	45.8	21.3	10.3	3.9	62.7	155
	16	100.0	100.0	100.0	99.4	89.7	64.5	25.8	16.1	6.5	65.7	155
	19	100.0	100.0	100.0	100.0	100.0	94.8	63.9	26.5	9.0	74.7	155
	22	100.0	100.0	100.0	100.0	100.0	100.0	87.7	56.1	12.3	81.3	155
TOTALS		100.0	100.0	100.0	99.9	97.4	87.4	65.9	41.8	13.7	76.6	1240

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Version

11

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
SEP	01	100.0	100.0	100.0	100.0	100.0	100.0	96.7	76.0	28.0	85.8	150
	04	100.0	100.0	100.0	100.0	100.0	100.0	98.0	82.0	45.3	88.5	150
	07	100.0	100.0	100.0	100.0	100.0	100.0	99.3	88.0	48.7	89.4	150
	10	100.0	100.0	100.0	100.0	100.0	96.0	57.3	16.0	2.7	72.8	150
	13	100.0	100.0	100.0	100.0	90.7	57.3	25.3	13.3	3.3	64.4	150
	16	100.0	100.0	100.0	99.3	93.3	73.3	39.3	16.7	4.0	67.8	150
	19	100.0	100.0	100.0	100.0	100.0	96.7	74.0	36.7	10.7	77.7	150
	22	100.0	100.0	100.0	100.0	100.0	100.0	92.0	64.0	19.3	83.0	150
TOTALS		100.0	100.0	100.0	99.9	98.0	90.4	72.7	49.1	20.3	78.7	1200

130

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	01	100.0	100.0	100.0	100.0	99.4	94.8	80.6	56.1	26.5	81.7	155
	04	100.0	100.0	100.0	100.0	100.0	96.1	82.6	63.2	31.6	83.0	155
	07	100.0	100.0	100.0	100.0	100.0	98.1	83.9	67.1	36.8	84.7	155
	10	100.0	100.0	100.0	99.4	94.2	69.0	35.5	9.0	1.3	66.3	155
	13	100.0	100.0	98.1	88.4	65.8	27.7	14.2	6.5	2.6	55.7	155
	16	100.0	100.0	97.4	89.0	69.0	39.4	15.5	10.3	3.2	58.1	155
	19	100.0	100.0	100.0	99.4	96.8	83.9	52.9	23.9	5.8	71.7	155
	22	100.0	100.0	100.0	100.0	100.0	94.8	72.9	43.2	14.2	78.0	155
TOTALS		100.0	100.0	99.4	97.0	90.7	75.5	54.8	34.9	15.3	72.4	1240

DEC
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
DEC	01	100.0	100.0	100.0	98.7	95.5	90.3	76.8	61.3	23.2	80.7	155
	04	100.0	100.0	100.0	100.0	96.8	93.5	81.3	68.4	30.3	82.9	155
	07	100.0	100.0	100.0	100.0	98.7	93.5	83.2	68.4	34.2	83.5	155
	10	100.0	100.0	100.0	100.0	85.8	72.9	56.8	40.6	9.0	72.0	155
	13	100.0	100.0	94.2	81.3	64.5	40.6	28.4	17.4	2.6	58.5	155
	16	100.0	100.0	91.0	74.8	60.6	45.2	29.0	16.8	2.6	57.4	155
	19	100.0	100.0	100.0	97.4	88.4	74.8	56.1	38.1	7.1	71.8	155
	22	100.0	100.0	100.0	99.4	94.8	86.5	72.3	51.6	16.1	77.9	155
TOTALS		100.0	100.0	98.2	94.0	85.6	74.7	60.5	45.3	15.6	73.1	1240

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

93837
STATION

JACKSONVILLE, FLORIDA
STATION NAME

73-77

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.7	97.3	92.8	83.9	71.8	54.5	36.6	13.7	70.7	1240
FEB		100.0	99.7	95.3	86.9	74.6	62.2	49.0	31.5	11.8	66.7	1128
MAR		100.0	99.8	97.1	91.9	82.3	67.3	53.7	36.5	8.4	69.2	1240
APR		100.0	99.8	95.8	88.0	74.4	58.7	41.8	25.6	6.2	64.5	1200
MAY		100.0	100.0	98.9	94.7	85.0	70.7	53.9	37.6	14.7	71.3	1240
JUN		100.0	100.0	99.9	98.3	92.9	80.5	64.2	43.9	12.0	74.7	1200
JUL		100.0	100.0	100.0	99.4	93.8	80.7	61.2	40.4	12.6	74.5	1240
AUG		100.0	100.0	100.0	99.9	97.4	87.4	65.9	41.8	15.7	76.6	1240
SEP		100.0	100.0	100.0	99.9	98.0	90.4	72.7	49.1	20.3	78.7	1200
OCT		100.0	100.0	99.4	97.0	90.7	75.5	54.8	34.9	15.3	72.4	1240
NOV		100.0	99.7	97.7	93.6	85.3	72.6	54.3	39.7	13.9	71.4	1200
DEC		100.0	100.0	98.2	94.0	85.6	74.7	60.5	45.3	15.6	73.1	1240
TOTALS		100.0	99.9	98.3	94.7	87.0	74.4	57.2	36.6	13.4	72.0	14608

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93837

JACKSONVILLE, FLORIDA

JAN 1973 - DEC 1977

JANUARY

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	17.1	13.0	5.4	5.0	15.6	8.1	15.4	12.8	7.5	124.0	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

JACKSONVILLE, FLORIDA

93837

STATION

JAN 1973 - DEC 1977

FEBRUARY

ALL

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76	4.3	7.2	10.1	12.5	25.0	62.5	12.5			8	.7
67 TO 71	5.2	5.2	5.9	12.5	23.2	25.0	10.0	5.8	1.4	40	3.5
62 TO 66	6.6	4.2	8.4	7.8	31.1	25.9	10.4	3.0	.7	69	6.1
57 TO 61	8.1	15.2	9.8	8.7	25.1	16.8	17.4	9.0	4.8	135	12.0
52 TO 56	17.2	20.1	8.3	3.6	12.7	3.8	18.5	8.7	7.5	167	14.8
47 TO 51	20.1	20.1	2.9	.7	4.3	7.7	13.6	14.8	8.3	173	15.3
42 TO 46	22.8	15.8	4.4		2.6	7.2	20.1	15.8	8.6	169	15.0
37 TO 41	24.2	8.1			1.6	3.5	14.9	25.4	10.5	139	12.3
32 TO 36	33.3				2.4	8.1	29.0	14.5	14.5	114	10.1
27 TO 31	20.0					7.1	28.6	21.4	7.1	62	5.5
22 TO 26						10.0	30.0	30.0	10.0	42	3.7
17 TO 21										10	.9
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	13.2	11.9	6.7	5.9	14.0	12.6	17.2	12.0	6.6	1128	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

JACKSONVILLE, FLORIDA

JAN 1973 - DEC 1977

MARCH

ALL

93837

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91		25.0	7.7	9.2	25.0	27.7	21.5			8	.6
82 TO 86	3.1	3.1	7.7	9.2	27.7	27.7	21.5			65	5.2
77 TO 81	3.0	2.0	8.1	26.2	25.3	20.2	18.2	2.0	1.0	99	8.0
72 TO 76	2.1	4.9	10.6	19.0	21.8	20.4	13.4	6.3	1.4	142	11.5
67 TO 71	5.0	5.0	11.5	17.6	31.4	16.9	8.0	3.1	1.5	261	21.0
62 TO 66	7.7	10.2	14.2	13.9	25.2	9.1	9.9	4.7	5.1	274	22.1
57 TO 61	10.8	24.9	16.2	7.0	9.7	7.6	8.1	8.1	7.6	185	14.9
52 TO 56	16.0	26.6	5.3	5.3	4.3	6.4	17.0	16.0	3.2	94	7.6
47 TO 51	22.2	11.1	4.8		1.6	6.3	19.0	22.2	12.7	63	5.1
42 TO 46	16.0	12.0	4.0			4.0	36.0	16.0	12.0	25	2.0
37 TO 41	38.9	5.6					16.7	27.8	11.1	18	1.5
32 TO 36	50.0						33.3		16.7	6	.5
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	8.5	11.0	11.0	12.5	20.2	13.0	12.9	6.9	4.2	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

93837

JACKSONVILLE, FLORIDA

JAN 1973 - DEC 1977

APRIL ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96					100.0					1	.1
87 TO 91	4.3	4.3	4.3	13.0	30.4	34.8	8.7			23	1.9
82 TO 86	9.1	3.6	10.9	20.0	16.4	12.7	20.0	7.3		53	4.6
77 TO 81	5.3	3.3	22.7	22.0	16.0	12.7	11.3	5.3	1.3	150	12.5
72 TO 76	4.5	10.0	16.4	22.9	17.9	9.3	10.4	5.5	1.0	201	16.8
67 TO 71	4.7	7.0	14.8	19.1	21.0	14.4	6.6	10.9	1.6	257	21.4
62 TO 66	11.6	16.7	18.6	14.3	8.3	7.8	11.6	8.5	2.3	258	21.5
57 TO 61	10.6	15.2	17.4	5.3	4.5	3.8	20.5	16.7	6.1	132	11.0
52 TO 56	15.1		5.5		1.4	8.2	38.4	24.7	6.8	73	6.1
47 TO 51	12.9					12.9	41.9	16.1	16.1	31	2.6
42 TO 46	22.2					5.5	38.9	27.8	5.6	18	1.5
37 TO 41								100.0		1	.1
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	8.2	9.1	15.9	15.3	13.3	10.3	14.6	10.3	2.8	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

JACKSONVILLE, FLORIDA

93837

STATION

JAN 1973 - DEC 1977

MAY

ALL

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96	10.0	10.0				20.0	50.0	10.0		10	.8
87 TO 91	1.3	5.2	10.4	26.0	16.9	11.7	19.5	6.5	2.6	77	6.2
82 TO 86	5.3	5.3	18.1	19.3	15.8	5.8	22.2	5.8	2.3	171	13.8
77 TO 81	4.1	7.4	19.8	25.3	15.7	11.5	12.4	2.3	1.4	217	17.3
72 TO 76	4.9	7.9	18.6	15.2	24.7	11.6	11.9	3.7	1.5	328	26.5
67 TO 71	5.8	8.9	8.9	15.1	20.2	12.0	19.5	3.1	6.5	292	23.5
62 TO 66	10.6	8.0	10.6	6.2	7.1	17.7	27.4	3.5	8.8	113	9.1
57 TO 61	17.4		22.2		4.3	8.7	47.8	13.0	8.7	23	1.9
52 TO 56						11.1	33.3	11.1	22.2	9	.7
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	5.6	7.3	14.8	16.9	18.0	11.3	18.2	4.0	3.8	1240	100.0

93837

STATION

JACKSONVILLE, FLORIDA

STATION NAME

WIND DIRECTION

JAN 1973 - DEC 1977

YEARS

JUNE

MONTH

ALL

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96	4.4	4.4	33.3	65.7	13.3	17.6	31.1	4.4		3	.3
87 TO 91	8.3	14.1	18.6	20.0	14.1	9.0	16.0	3.8	.6	45	3.8
82 TO 86	7.3	10.7	21.5	12.7	15.1	9.8	14.1	5.9	2.9	156	13.0
77 TO 81	2.6	5.2	17.8	17.1	25.3	12.6	9.3	3.7	3.3	265	17.1
72 TO 76	8.3	7.8	8.8	8.3	18.8	18.3	19.0	3.9	6.8	410	22.4
67 TO 71	13.8	6.4	5.5	7.8	9.2	14.7	22.9	9.2	15.6	109	9.1
62 TO 66						33.3	33.3		33.3	3	.3
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	7.2	8.9	13.8	12.0	17.8	14.0	15.4	4.7	5.2	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

93837
STATION

JACKSONVILLE, FLORIDA

JAN 1973 - DEC 1977

MONTH
JULY

ALL

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101	5.7	1.4	15.7	14.3	25.0	11.4	75.0	7.1	4.3	4	.3
92 TO 96	4.3	10.6	23.4	16.5	20.0	11.2	20.0	3.2	1.1	70	5.5
87 TO 91	5.7	8.4	17.2	22.5	16.3	15.0	13.7	.9	.4	188	15.2
82 TO 86	3.7	6.0	14.0	12.6	26.6	16.0	13.4	2.6	5.1	227	18.3
77 TO 81	4.3	3.2	4.8	5.3	16.0	30.1	18.7	4.8	12.8	350	28.2
72 TO 76	3.8	3.8			3.8	23.1	23.1	7.7	34.6	375	30.2
67 TO 71										26	2.1
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	4.4	6.0	13.0	17.6	18.3	19.2	16.6	3.4	6.5	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

JACKSONVILLE, FLORIDA

93837

JAN 1973 - DEC 1977

AUGUST

ALL

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96	9.5	9.5	9.5	33.3	9.5	9.5	19.0	2.1	2.1	21	1.7
87 TO 91	4.1	9.7	32.3	24.1	14.4	7.2	4.1	1.6	2.0	195	15.7
82 TO 86	8.0	8.8	20.4	22.8	17.6	9.6	9.2	1.7	6.0	230	20.2
77 TO 81	3.5	12.4	22.6	15.7	22.6	8.3	7.0	6.7	20.1	402	32.4
72 TO 76	6.1	6.1	7.3	6.1	12.8	15.5	19.2	2.3	25.0	328	26.5
67 TO 71	9.1	11.4	4.5	2.3	6.8	13.6	25.0			44	3.5
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	5.5	9.5	18.8	15.7	16.9	10.6	11.0	3.1	8.9	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

JACKSONVILLE, FLORIDA

93837

SEPTEMBER

ALL

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96	22.2	10.8	26.2	22.3	22.2	10.8	55.6	3.8	1.3	130	10.8
87 TO 91	6.2	17.0	25.9	16.1	12.3	7.1	6.2	4.5	1.3	224	18.7
82 TO 86	5.6	11.1	20.6	26.3	17.1	6.3	5.7	1.7	6.3	350	29.2
77 TO 81	4.9	14.1	11.2	4.0	8.0	10.9	18.6	10.1	10.1	376	31.3
72 TO 76	13.0	19.2	2.2	1.1	2.2	12.0	21.7	8.7	3.3	92	7.7
67 TO 71	33.7	11.8				5.9	23.5	17.6		17	1.4
62 TO 66	41.2									2	.2
57 TO 61	100.0										
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	10.8	13.3	17.3	14.4	11.5	8.8	12.4	5.8	5.7	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

JACKSONVILLE, FLORIDA

93837

STATION

JAN 1973 - DEC 1977

YEARS

OCTOBER

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96				100.0						1	.1
87 TO 91		20.0	20.0	13.3	20.0		26.7			15	1.2
82 TO 86	6.5	21.7	22.8	18.5	10.9	6.5	7.6	4.3	1.1	92	7.4
77 TO 81	11.3	33.3	18.2	11.9	7.5	3.1	7.5	3.0	1.9	159	12.8
72 TO 76	14.7	35.6	15.8	7.5	10.3	5.1	3.1	3.1	2.7	292	23.5
67 TO 71	29.7	28.9	8.4	3.4	3.8	3.0	8.0	10.3	4.6	263	21.2
62 TO 66	24.5	30.2	6.3	1.0	2.6	.5	12.0	19.1	7.8	192	15.5
57 TO 61	29.9	15.9	6.5		.9	2.8	15.9	18.7	9.3	107	8.6
52 TO 56	37.9	12.1	1.5			5.3	15.2	22.7	10.6	66	5.3
47 TO 51	13.2	15.8					47.4	10.5	7.9	38	3.1
42 TO 46	16.7	16.7					66.7			12	1.0
37 TO 41							33.3	33.3	33.3	3	.2
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	20.6	28.0	11.4	3.8	5.7	3.2	10.5	9.9	4.8	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

93837

JACKSONVILLE, FLORIDA

WIND DIRECTION

JAN 1973 - DEC 1977

NOVEMBER

ALL

STATION

STATION NAME

YEAR

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86	4.5	4.5	4.5	18.2	22.7	22.7	9.1	13.6		22	1.8
77 TO 81	1.2	10.5	18.6	27.9	20.9	10.5	7.0	3.5		86	7.2
72 TO 76	5.1	14.6	18.2	21.2	14.6	11.7	7.3	2.2	5.1	137	11.4
67 TO 71	10.7	19.7	16.7	13.1	17.2	11.9	5.1	2.5	8.2	244	20.3
62 TO 66	21.0	21.0	7.0	6.5	11.5	7.0	9.0	6.5	10.5	200	16.7
57 TO 61	26.4	25.2	7.4	2.5	7.4	2.5	8.6	12.3	8.0	163	13.6
52 TO 56	28.4	20.6	3.5	2.1	4.3	2.8	14.2	17.0	7.1	141	11.8
47 TO 51	28.6	21.4	2.4				7.1	31.0	9.5	84	7.0
42 TO 46	38.7	9.7				1.6	6.5	27.4	16.1	62	5.2
37 TO 41	25.0	18.8					20.8	22.9	12.5	48	4.0
32 TO 36	9.1						45.5	18.2	27.3	11	.9
27 TO 31									100.0	2	.2
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	18.4	18.6	8.4	9.1	10.5	5.8	9.2	10.7	8.3	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93837
STATION

JACKSONVILLE, FLORIDA

JAN 1973 - DEC 1977

DECEMBER

ALL

HOURE (L.S.T.)

STATION NAME

YEARS

MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	16.0	14.7	4.6	5.6	12.1	8.0	15.5	14.0	9.7	124.0	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

93837

JACKSONVILLE, FLORIDA

JAN 1973 - DEC 1977

ALL

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101			14.3	28.6	14.3		42.9			7	.0
92 TO 96	7.0	3.8	9.5	17.2	15.9	12.7	26.8	5.1	1.9	157	1.1
87 TO 91	4.9	10.7	23.0	19.7	14.1	10.1	12.8	3.3	1.4	792	5.4
82 TO 86	6.3	10.2	19.2	18.0	16.2	11.3	13.7	3.7	1.5	1339	9.2
77 TO 81	4.2	10.1	18.3	18.7	21.0	11.2	10.0	2.7	3.8	2191	15.0
72 TO 76	7.4	10.9	11.6	10.4	15.6	15.4	14.7	5.5	7.5	2779	19.0
67 TO 71	11.0	11.8	8.6	11.6	20.3	13.4	11.7	5.9	5.7	1960	13.4
62 TO 66	13.1	13.9	10.5	9.1	16.2	9.5	12.8	7.2	7.3	1635	11.2
57 TO 61	15.6	18.8	9.9	5.1	8.9	6.5	15.1	11.8	8.4	1157	7.9
52 TO 56	20.2	20.9	6.0	2.5	5.9	5.2	15.3	16.7	7.3	885	6.1
47 TO 51	22.6	17.7	1.9	1.4	2.1	4.6	19.3	18.8	11.5	627	4.3
42 TO 46	26.0	13.4	2.3	1.0	1.9	4.1	17.4	23.3	10.5	484	3.3
37 TO 41	27.6	11.8	1.8	.3	1.5	3.3	22.8	20.4	10.4	338	2.3
32 TO 36	25.7	5.3			.6	4.7	29.2	25.7	8.8	171	1.2
27 TO 31	22.5	2.8				4.2	28.2	28.2	14.1	71	.5
22 TO 26	21.4						50.0	28.6		14	.1
17 TO 21							100.0			1	.0
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWP											
TOTALS	11.3	12.6	11.8	10.9	14.5	10.9	14.1	8.1	6.2	14608	100.0

PRESSURE

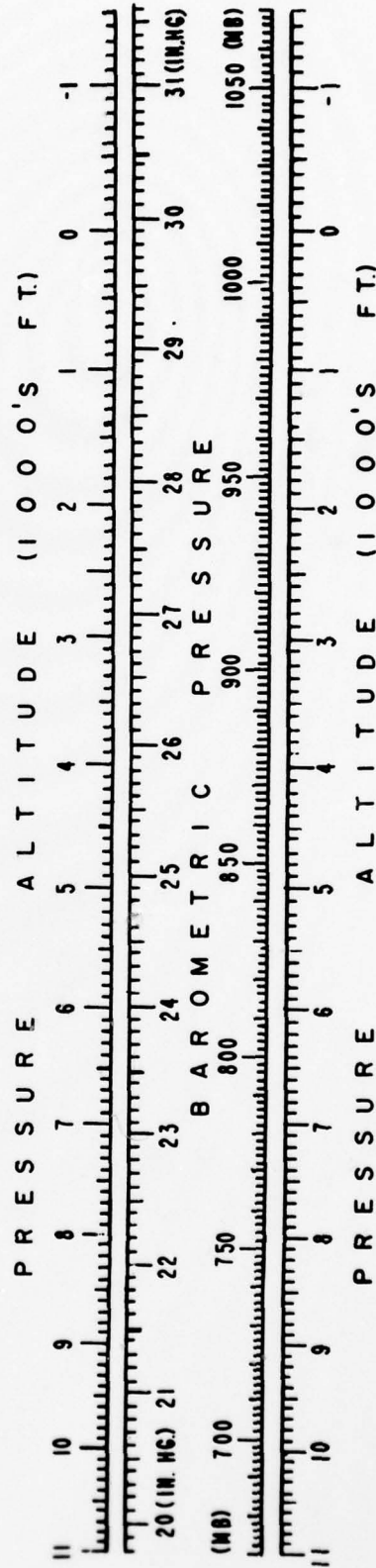
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

93837 JACKSONVILLE, FLORIDA

73-77

STATION NAME YEARS

HRS.(LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN S. D. TOTAL OBS	30.103 .146 155	30.079 .153 141	30.028 .138 155	30.044 .155 150	29.965 .093 150	30.009 .080 155	30.023 .080 155	29.969 .083 150	30.029 .116 155	30.086 .126 150	30.089 .169 155	30.031 .134 1826
04	MEAN S. D. TOTAL OBS	30.093 .148 155	30.063 .151 141	30.003 .138 155	30.027 .157 150	29.949 .092 150	29.990 .081 155	30.001 .081 155	29.949 .083 150	30.013 .116 155	30.078 .124 150	30.084 .165 155	30.015 .135 1826
07	MEAN S. D. TOTAL OBS	30.111 .146 155	30.091 .154 141	30.037 .137 155	30.065 .162 150	29.980 .094 150	30.022 .080 155	30.033 .079 155	29.980 .082 150	30.044 .119 155	30.104 .126 150	30.101 .166 155	30.045 .134 1826
10	MEAN S. D. TOTAL OBS	30.155 .151 155	30.130 .160 141	30.072 .140 155	30.091 .163 150	29.998 .095 150	30.041 .083 155	30.056 .079 155	30.007 .084 150	30.073 .122 155	30.136 .131 150	30.140 .165 155	30.073 .139 1826
13	MEAN S. D. TOTAL OBS	30.096 .152 155	30.084 .163 141	30.034 .142 155	30.059 .164 150	29.974 .094 150	30.017 .083 155	30.031 .079 155	29.974 .088 150	30.033 .126 155	30.081 .134 150	30.085 .168 155	30.035 .137 1826
16	MEAN S. D. TOTAL OBS	30.064 .149 155	30.035 .161 141	29.982 .146 155	30.011 .162 150	29.937 .095 150	29.978 .085 155	29.989 .079 155	29.933 .087 150	30.004 .126 155	30.052 .133 150	30.054 .165 155	29.996 .137 1826
19	MEAN S. D. TOTAL OBS	30.096 .145 155	30.057 .158 141	29.998 .144 155	30.021 .160 150	29.951 .096 150	29.988 .084 155	30.003 .077 155	29.950 .085 150	30.024 .124 155	30.078 .131 150	30.083 .164 155	30.014 .138 1826
22	MEAN S. D. TOTAL OBS	30.118 .143 155	30.089 .152 141	30.032 .137 155	30.057 .155 150	29.984 .094 150	30.019 .083 155	30.037 .076 155	29.984 .083 150	30.049 .119 155	30.101 .131 150	30.100 .163 155	30.044 .133 1826
ALL HOURS	MEAN S. D. TOTAL OBS	30.105 .149 1240	30.079 .158 1128	30.023 .142 1240	30.047 .161 1200	29.967 .096 1200	30.008 .084 1240	30.022 .081 1240	29.968 .087 1200	30.033 .122 1240	30.089 .131 1200	30.092 .167 1240	30.032 .138 14608

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

73-77

JACKSONVILLE, FLORIDA

93837

STATION

STATION NAME

YEARS

HRS.(LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN S. D. TOTAL OBS	1020.4 5.187 155	1019.5 4.687 155	1017.8 5.255 150	1018.4 3.873 155	1015.7 3.137 150	1017.2 2.693 155	1017.7 2.694 155	1015.8 2.799 150	1017.9 3.915 155	1019.8 4.260 150	1019.9 5.712 155	1017.9 4.529 1826
04	MEAN S. D. TOTAL OBS	1020.0 5.002 155	1019.0 5.123 141	1017.0 4.660 155	1017.8 5.306 150	1015.1 3.101 150	1016.6 2.716 155	1016.9 2.723 155	1015.2 2.789 150	1017.3 3.929 155	1019.5 4.221 150	1019.7 5.599 155	1017.4 4.556 1826
07	MEAN S. D. TOTAL OBS	1020.6 4.953 155	1019.9 5.221 141	1018.1 4.623 155	1019.1 5.510 150	1016.2 3.177 150	1017.6 2.707 155	1018.0 2.664 155	1016.2 2.796 150	1018.4 4.008 155	1020.4 4.269 150	1020.3 5.618 155	1018.4 4.531 1826
10	MEAN S. D. TOTAL OBS	1022.1 5.123 155	1021.2 5.412 141	1019.3 4.747 155	1020.0 5.541 150	1016.4 3.215 150	1018.3 2.792 155	1018.8 2.686 155	1017.1 2.845 150	1019.3 4.146 155	1021.5 4.417 150	1021.6 5.594 155	1019.4 4.710 1826
13	MEAN S. D. TOTAL OBS	1020.2 5.180 155	1019.7 5.529 141	1018.0 4.826 155	1018.9 5.558 150	1016.0 3.168 150	1017.5 2.821 155	1017.9 2.657 155	1016.0 2.963 150	1018.0 4.253 155	1019.6 4.543 150	1019.7 5.696 155	1018.1 4.651 1826
16	MEAN S. D. TOTAL OBS	1019.0 5.062 155	1018.0 5.482 141	1016.3 4.923 155	1017.3 5.487 150	1014.0 3.194 150	1016.1 2.880 155	1016.5 2.673 155	1014.6 2.932 150	1017.0 4.258 155	1018.6 4.514 150	1018.7 5.582 155	1016.7 4.650 1826
19	MEAN S. D. TOTAL OBS	1020.1 4.920 155	1018.8 5.362 141	1016.8 4.837 155	1017.6 5.425 150	1015.2 3.239 150	1016.5 2.834 155	1017.0 2.611 155	1015.2 2.894 150	1017.7 4.207 155	1019.5 4.440 150	1019.6 5.534 155	1017.4 4.657 1826
22	MEAN S. D. TOTAL OBS	1020.8 4.670 155	1019.8 5.161 141	1018.0 4.616 155	1018.8 5.238 150	1016.3 3.118 150	1017.5 2.783 155	1018.2 2.581 155	1016.3 2.820 150	1018.6 4.026 155	1020.3 4.432 150	1020.2 5.494 155	1018.4 4.496 1826
ALL HOURS	MEAN S. D. TOTAL OBS	1020.4 5.064 1240	1019.5 5.368 1128	1017.7 4.811 1240	1018.3 5.465 1200	1015.8 3.228 1200	1017.2 2.850 1240	1017.6 2.745 1240	1015.8 2.944 1200	1018.0 4.140 1240	1019.9 4.445 1200	1020.0 5.640 1240	1017.9 4.658 14608